



**LG**

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# PLASMA TV SERVICE MANUAL

CHASSIS : PA-51D

**MODEL : 42PC3DV/DVA 42PC3DV/DVA-UD  
42PC3D/DC/DH 42PC3D/DC/DH-UD**

## **CAUTION**

BEFORE SERVICING THE CHASSIS,  
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



# SAFETY PRECAUTIONS

## IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by  in the Schematic Diagram and Replacement Parts List. It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards. Do not modify the original design without permission of manufacturer.

### General Guidance

An **Isolation Transformer** should always be used during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the same specified type.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

### Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between  $1M\Omega$  and  $5.2M\Omega$ .

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

### Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

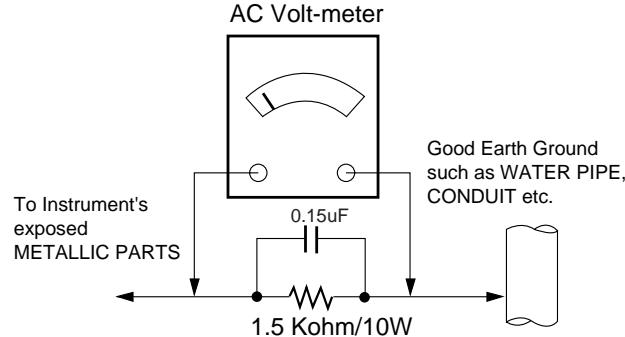
**Do not use a line Isolation Transformer during this check.** Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

### Leakage Current Hot Check circuit



CANADA: LG Electronics Canada, Inc. 550 Matheson Boulevard East Mississauga, Ontario L4Z 4G3

USA : LG Customer Interactive Center  
P.O.Box 240007, 201 James Record Road Huntsville,  
AL 35824  
Digital TV Hotline 1-800-243-0000

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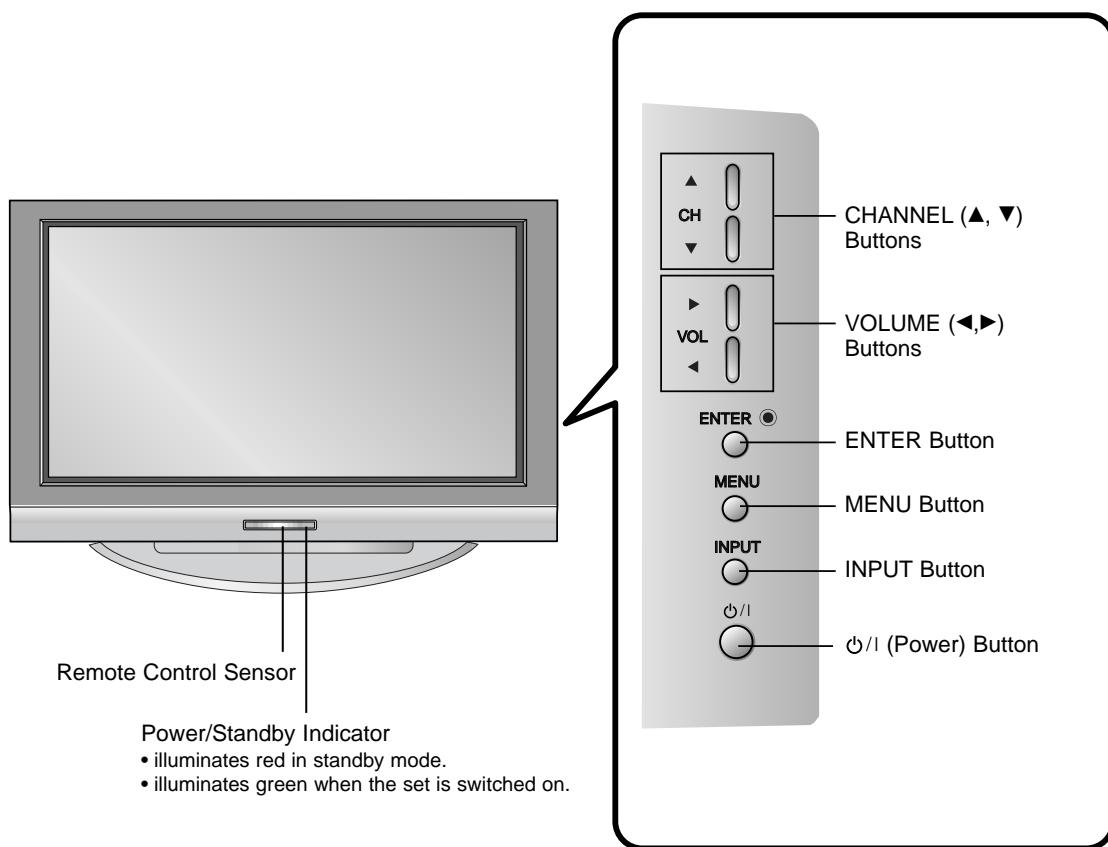
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## DESCRIPTION OF CONTROLS

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### Controls

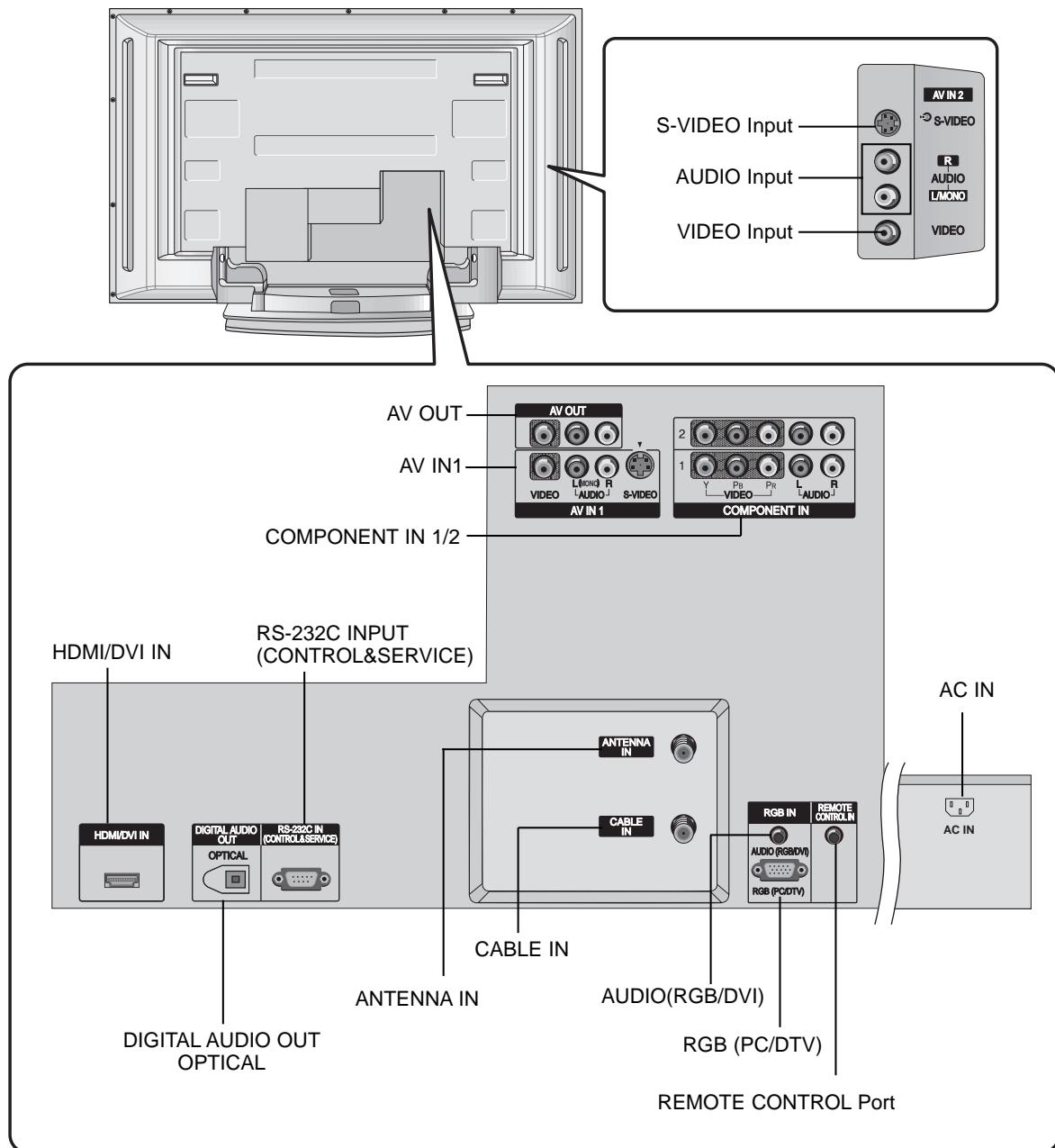
- This is a simplified representation of front panel.
- Here shown may be somewhat different from your TV.



# DESCRIPTION OF CONTROLS

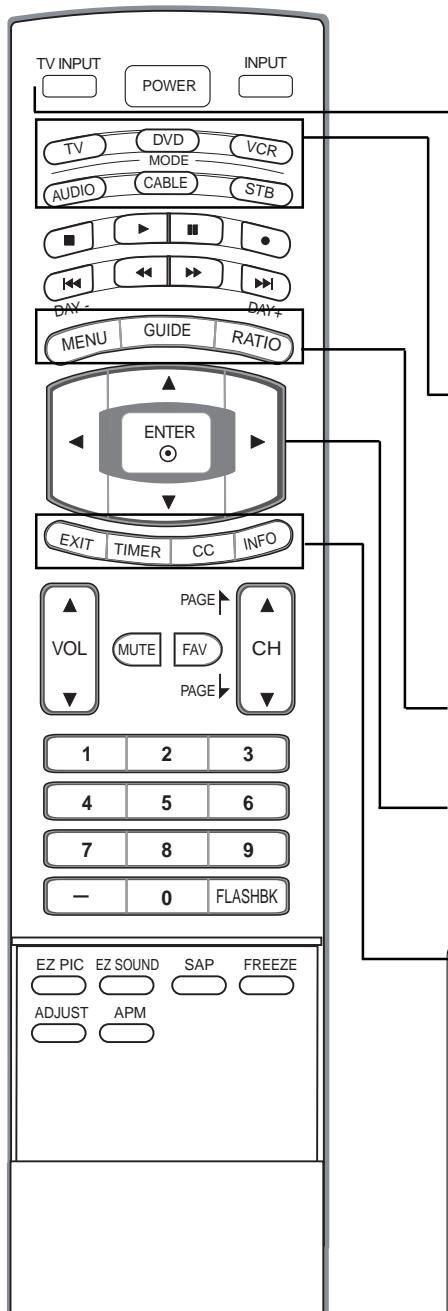
## Connection Options

- Here shown may be somewhat different from your TV.



## DESCRIPTION OF CONTROLS

### Remote Control Key Functions



#### POWER

Turns your TV or any other programmed equipment on or off, depending on mode.

#### TV INPUT

Rotates the input mode between Antenna and Cable. In AV1-2, Component 1-2, RGB-DTV (or RGB-PC), and HDMI/DVI input sources, screen returns to the last TV channel.

#### INPUT (Refer to p.14)

External input modes rotate in regular sequence: Antenna, Cable, AV1-2, Component 1-2, RGB-DTV (or RGB-PC), HDMI/DVI). (AV1, AV2, Component 1-2 input sources are linked automatically, Only if these are connected)

#### MODE

Selects the remote operating mode: TV, DVD, VCR, AUDIO, CABLE, or STB. Select a mode other than TV, for the remote to operate an external device.

#### MENU

Brings up the main menu to the screen.

#### GUIDE

Shows program schedule.

#### RATIO

Changes the aspect ratio.

#### THUMBSTICK (Up/Down/Left/Right/ENTER)

Allows you to navigate the on-screen menus and adjust the system settings to your preference.

#### EXIT

Clears all on-screen displays and returns to TV viewing from any menu.

#### TIMER

Lets you select the amount of time before your TV turns itself off automatically.

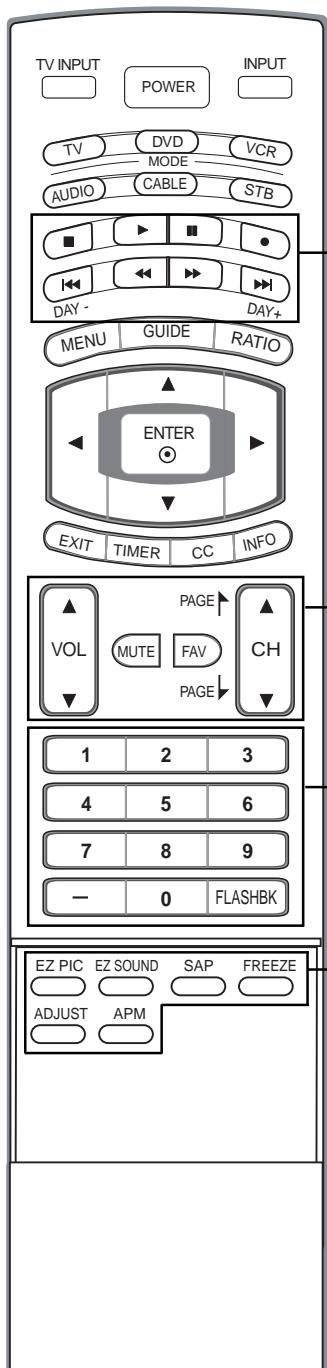
#### CC

Select a closed caption: Off, CC1~4, Text1~4.

#### INFO

When you watch the TV, information displays on top of the screen. Not available in Component 1-2, RGB and HDMI/DVI mode.

## DESCRIPTION OF CONTROLS



### VCR/DVD/DVHS/Camcorder BUTTONS

Control some video cassette recorders or DVD players ("RECORD" button is not available for DVD player).

#### DAY + / DAY-

Moves forward or backward in 24 hour increments.

### VOLUME UP/DOWN

Increases/decreases the sound level.

### CHANNEL UP/DOWN

Selects available channels found with EZ scan and Manual scan.

### PAGE UP/DOWN

Moves from one full set of screen information to the next one.

### MUTE

Switches the sound on or off.

### FAV

Use to scroll the Favorite channels.

### NUMBER BUTTONS

#### — (DASH)

Used to enter a program number for multiple program channels such as 2-1, 2-2,etc.

### FLASHBK

Returns to the last channel viewed.

### EZ PIC

Selects a factory preset picture mode depending on the viewing environment.

### EZ SOUND

Selects the sound appropriate for the program's character.

### SAP

Selects MTS sound: Mono, Stereo, and SAP in analog mode. Change the audio language in DTV mode.

### FREEZE

Freezes the currently-viewed picture.

### ADJUST

Adjusts screen position, size, and phase in PC mode.

### APM

Concurrently, compare with the Daylight, Normal, Night Time and Custom on the screen.

## SPECIFICATIONS

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MODEL	42PC3D/3DV-UD	50PC3D-UD
Television System	NTSC-M, ATSC, 64 & 256 QAM	
Program Coverage	VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 135, CADTV 1 ~ 135, DTV 2 ~ 69	
External Antenna Impedance	75 Ω	
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)	
Operating Humidity Range	Less than 80%	
Resolution	42PC3D-UD: 1024 x 768 (Dot) 42PC3DV-UD: 852 x 480 (Dot)	1366 x 768 (Dot)

- The specifications shown above may be changed without prior notice for quality improvement.

# ADJUSTMENT INSTRUCTIONS

## 1. Application Object

These instructions are applied to all of the PDP TV, PA-51D.

Each PCB Assy must be checked by Check JIG Set before assembly. (Especially, be careful Power PCB Assy which can cause Damage to the PDP Module.)

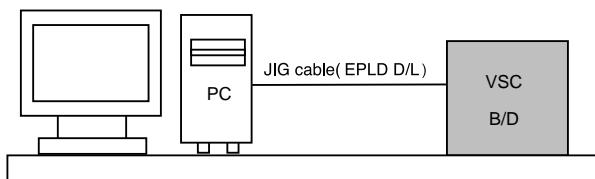
## 2. Notes

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustments must be done in the correct order.
- (3) The adjustments must be performed in the circumstance of  $25\pm5^{\circ}\text{C}$  of temperature and  $65\pm10\%$  of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver be must kept 110V, 60Hz when adjusting.
- (5) The receiver must be operational for about 15 minutes prior to the adjustments.  
  
1) After receiving 100% white pattern, the receiver must be operated prior to adjustment. (Or 8. White Pattern condition in EZ - Adjust)  
2) Enter into White Pattern
  - Press POWER ON Key on the Service Remote Control (S R/C)
  - Enter the Ez - Adjust by pressing ADJ Key on the Service Remote Control (S R/C).
  - Select the 7. White Pattern using CH +/- Key and press the Enter(■) Key.Display the 100% Full White Pattern.

\* Set is activated HEAT-RUN without signal generator in this mode.

If you turn on a still screen more than 20 minutes (Especially Digital pattern(13 CH), Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

## 3. EPLD Download



<Fig. 1> Connection Diagram of EPLD Download

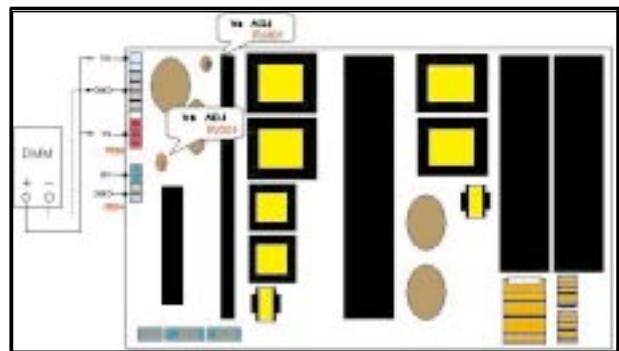
- (1) Test Equipment: PC, Jig for download
- (2) Connect the power of VSC B/D.
- (3) Execute download program(iMPACK) of PC.
- (4) After executing the hot key on the Programmer, click icon
- (5) End after confirming

## 4. POWER PCB Assy Voltage Adjustment (Va, Vs Voltage Adjustment)

### 4-1. Test Equipment : D.M.M 1EA

### 4-2. Connection Diagram for Measuring

Refer to <Fig. 2>.



<Fig. 2> Connection Diagram of Power Adjustment for Measuring (Power Board)

### 4-3. Adjustment

#### (1) Va Adjustment

- 1) Connect + terminal of D.M.M to Va pin of P805 and connect - terminal to GND pin of P805.
- 2) Adjust RV601 voltage to match that of the label on the Top/Right of the panel. (Deviation :  $\pm 0.5\text{V}$ )

#### (2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805 and connect - terminal to GND pin of P805.
- 2) Adjust RV401 voltage to match that of the label on the Top/Right of the panel. (Deviation :  $\pm 0.5\text{V}$ )

# ADJUSTMENT INSTRUCTIONS

## 5. EDID(The Extended Display Identification Data)/DDC (Display Data Channel) Download

This is the function that enables "Plug and Play".

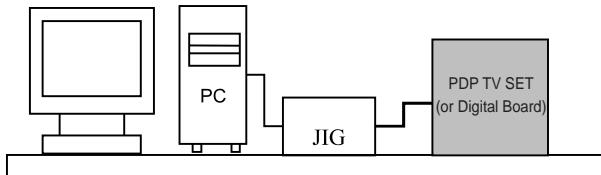
### 5-1. HDMI EDID Data Input

#### (1) Required Test Equipment

- 1) Jig for adjusting PC, DDC. (PC serial to D-sub. Connection equipment)
- 2) S/W for writing DDC(EDID data write & read)
- 3) D-Sub cable
- 4) Jig for HDMI Cable connection

#### (2) Preparation for Adjustments & Setting of Device

- 1) Set devices as below and turn on the PC and JIG.
- 2) Open S/W for writing DDC (EDID data write & read). (operated in DOS mode)



<Fig. 3>

## 5-2. EDID DATA for PA-51D

- EDID for HDMI (DDC (Display Data Channel) Data)

EDID table =

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01	01	01
10	00	0F	01	03	80	73	41	96	0A	CF	74	A3	57	4C	B0	23
20	09	48	4C	2F	CE	00	31	40	45	40	61	40	01	01	01	01
30	01	01	01	01	01	64	19	00	40	41	00	26	30	18	88	
40	36	00	00	D0	52	00	00	18	00	00	00	FD	00	38	55	1F
50	3C	08	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4C
60	47	20	54	56	0A	20	20	20	20	20	20	00	00	00	FC	
70	00	50	44	50	0A	20	20	20	20	20	20	20	01	8F		
80	02	03	13	F1	44	84	05	03	02	23	15	07	50	65	03	0C
90	00	10	00	01	1D	00	72	51	D0	1E	20	6E	28	55	00	C4
A0	8E	21	00	00	1E	01	1D	80	18	71	1C	16	20	58	2C	25
B0	00	C4	8E	21	00	00	9E	8C	0A	D0	8A	20	E0	2D	10	10
C0	3E	96	00	C4	8E	21	00	00	18	8C	0A	D0	8A	20	E0	2D
D0	10	10	3E	96	00	13	8E	21	00	00	18	00	00	00	00	00
E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	ED

- EDID DATA for RGB

EDID table =

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

0	00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	01	01	01	01	01
10	16	0F	01	03	68	6E	3E	96	0A	30	31	A8	55	40	AC	25

20		0D	47	48	AF	CE	00	31	4F	45	4F	61	4F	01	01	01
30		01	01	01	01	01	01	64	19	00	40	41	00	26	30	18
40		36	00	4C	6C	42	00	00	18	00	00	00	FD	00	38	4B
50		3D	08	00	00	0A	20	20	20	20	20	00	00	00	FC	00
60		47	20	54	56	0A	20	20	20	20	20	20	00	00	00	0C
70		00	00	00	00	00	00	00	00	00	00	00	00	00	00	16

## 6. MST9883A-Set Adjustment

### 6-1. Synopsis

MST9883A-Set adjustment to set the black level and the Gain of optimum with an automatic movement from the analog => digital converter.

### 6-2. Test Equipment

Service R/C, MSPG925FA Pattern Generator

(720P The Horizontal 100% Color Bar Pattern output will be possible and the output level will accurately have to be revised with  $0.7 \pm 0.1$  Vp-p)



<Fig. 4> Adjustment Mode



<Fig. 5> Adjustment Pattern: HOzTV31Bar Pattern  
(720P/60Hz: Format No. 217)  
(480i/60Hz: Format No. 209)

# ADJUSTMENT INSTRUCTIONS

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## 6-3. Adjustment

- (1) Select Component as the input with 100% Horizontal Color Bar Pattern(HozTV31Bar) in 720p Mode and select 'Normal' on screen.
- (2) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '1. MST9883A-720p Set'.  
Pressing the Enter Key to adjust with automatic movement.
- (3) When the adjustment is over, 'MST9883A Component Success' is displayed. If the adjustment has errors, 'MST9883A Configuration Error' is displayed.
- (4) After the Component MST9883A adjustment is over, convert the RGB-DTV Mode and display Pattern.  
When the adjustment is over, 'MST9883A RGB\_DTV Success' is displayed.
- (5) Select Component as the input with 100% Horizontal Color Bar Pattern(HozTV31Bar) in 480i Mode.
- (6) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '3. MST9883A-480i Set'.  
Pressing the Enter Key to adjust with automatic movement.
- (7) When the adjustment is over, 'MST9883A Component Success' is displayed. If the adjustment has errors, 'MST9883A Configuration Error' is displayed.

\* MST9883 480i adjustment is apply the only Component Mode.

- (8) Readjust after confirming the case Pattern or adjustment condition where the adjustment had errors.
- (9) After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

## 7. Adjustment of White Balance

### 7-1. Required Equipment

- (1) Color analyzer (CA-100 or similar product)
- (2) Automatic adjustor (with automatic adjustment hour necessity and the RS-232C communication being possible)
- (3) Pattern Generator(MSPG-925FA): DVI Output

### 7-2. Connection Diagram of Equipment for Measuring (Automatic Adjustment)

\* RS-232C Command (Automatic Adjustment)

	RS-232C COMMAND			Min	CENTER(DEFAULT)			Max
	Cool	Med	Warm		Cool	Med	Warm	
R Gain	Jg	Ja	Jd	00	b8	c0	c0	ff
G Gain	Jh	Jb	Je	00	bd	b8	96	ff
B Gain	Ji	Jc	Jf	00	c0	b1	54	ff
R Cut					40	40	40	7f
G Cut					40	40	40	7f
B Cut					40	40	40	7f

### 7-3. Adjustment of White Balance

- Operate the Zero-calibration of the CA-100, then attach sensor to PDP module surface when you adjust.
- Manual adjustment is also possible by the following sequence.
  - (1) Enter 'Ez - Adjust' by pressing ADJ KEY on the Service Remote Control.
  - (2) Select "8. WHITE PATTERN" using CH +/- Key and HEAT RUN at least 30 minutes by pressing the ENTER Key.
  - (3) Receive the Window pattern signal from Digital Pattern Generator. (AV Input: connect the 'HDMI')
  - (4) After attaching sensor to center of screen, select '5. White-Balance' of 'Ez - Adjust' by pressing the ADJ KEY on the Service R/C. Then enter adjustment mode by pressing the Right KEY (►).
  - (5) Adjust the Hight Light using R Gain/G Gain(Cool).  
Adjust the Hight Light using G Gain/B Gain(Medium).  
Adjust the Hight Light using G Gain/B Gain(Warm).
  - (6) Adjust using Volume +/- KEY.  
After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

High Level: 216gray

#### [Cool]

X;  $0.278 \pm 0.002$  Y;  $0.279 \pm 0.002$   
Color temperature:  $11000^{\circ}\text{K} \pm 1000^{\circ}\text{K}$

#### [Medium]

X;  $0.287 \pm 0.003$  Y;  $0.289 \pm 0.003$   
Color temperature:  $9300^{\circ}\text{K} \pm 1000^{\circ}\text{K}$

#### [Warm]

X;  $0.315 \pm 0.002$  Y;  $0.316 \pm 0.002$   
Color temperature:  $6500^{\circ}\text{K} \pm 1000^{\circ}\text{K}$

# ADJUSTMENT INSTRUCTIONS

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## 8. Video(uPD)-Set

### 8-1. Required Equipment

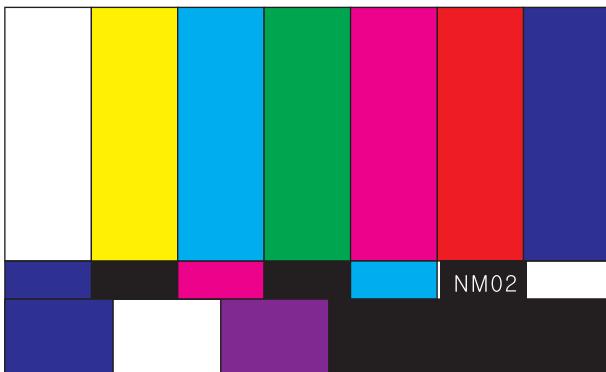
MSPG925FA Pattern Generator-connector with Video Input

### 8-2. MSG925FA Adjustment

- (1) After select the model, input the #201(NTSC-M).
- (2) Receive the 100% Color Bar Pattern.(Pattern #32)
- (3) Select the Reverse button and select the signal as below figure.

### 8-3. Adjustment

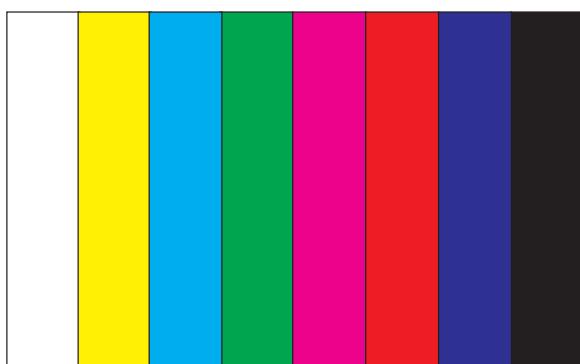
- (1) After receive signal to Ant input, CVBS output of MSPG925FA to Video and confirm the signal receiving.
- (2) Enter the 'EZ-ADJUST' by pressing the ADJ Key on the Service R/C.
- (3) Select '3. Video(uPD)-Set' and enter the adjustment mode by pressing the right key(►).
- (4) When enter the adjustment mode, displayed the TV 2CH Screen automatic at picture and appear as below figure.



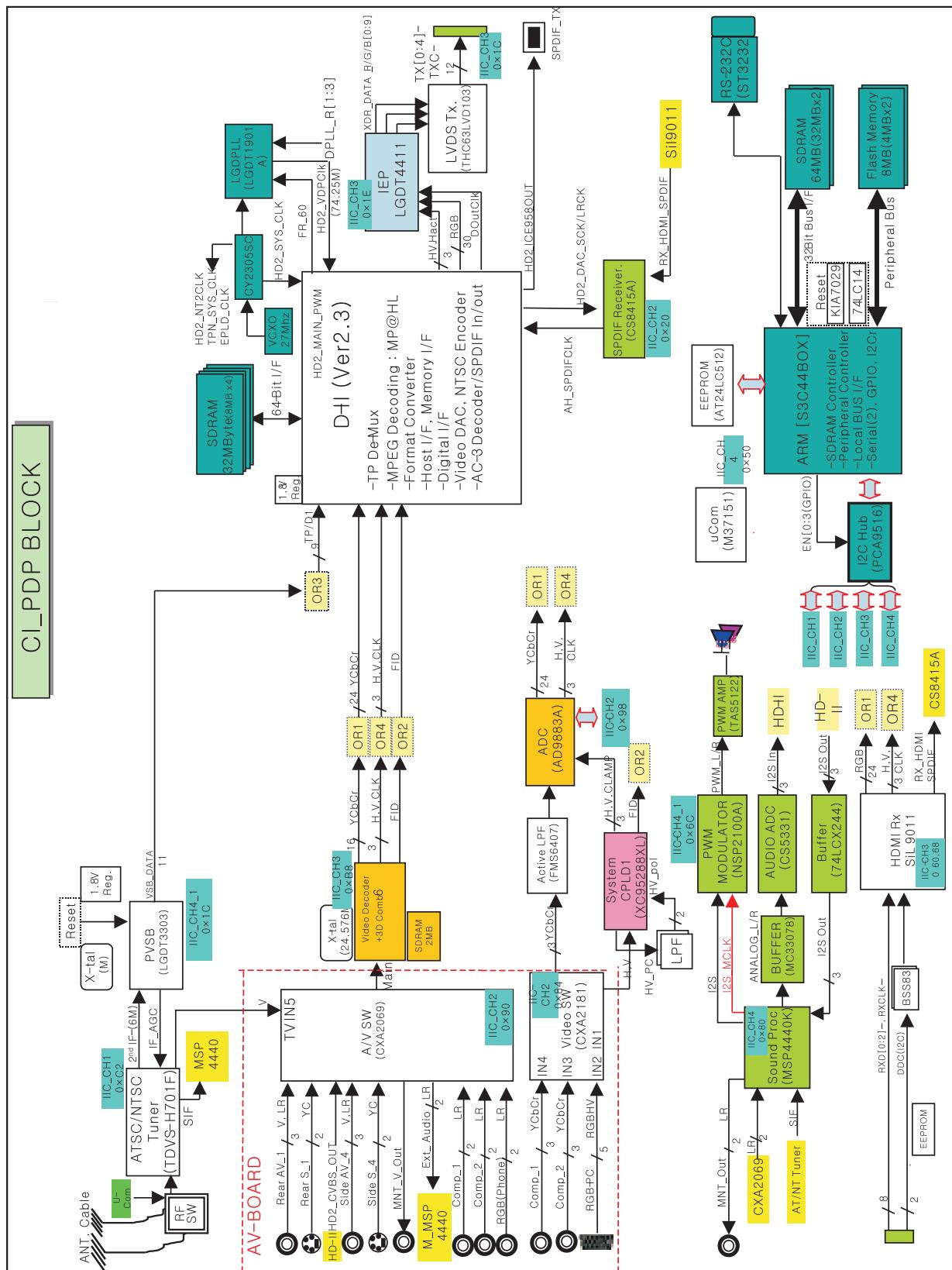
- (5) When the automatic adjustment is over, 'RF Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.

- (6) After the RF signal automatic adjustment is over, convert the Video Mode as below figure and adjust with automatic movement the Video Mode.

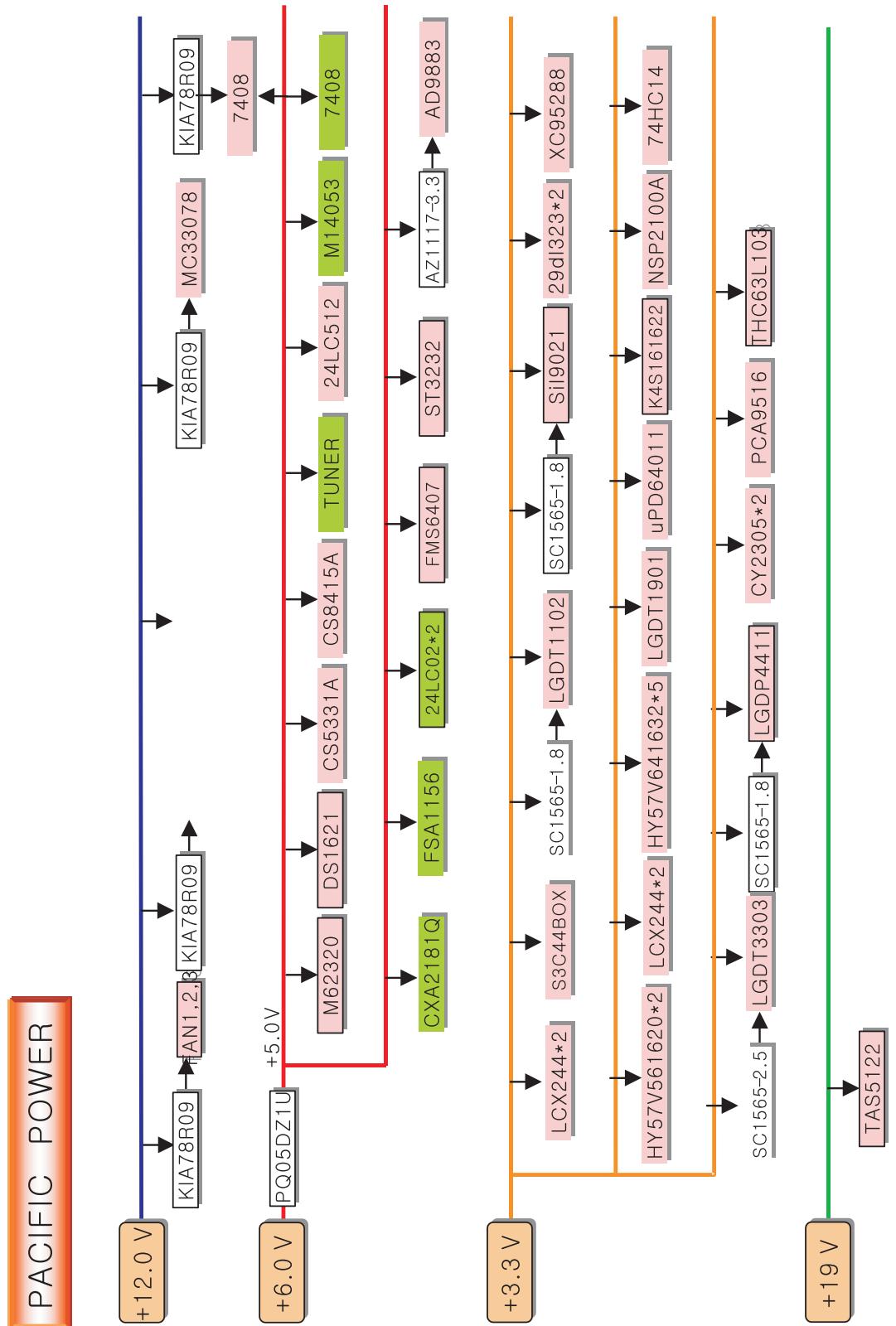
When the automatic adjustment is over, 'Video Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.



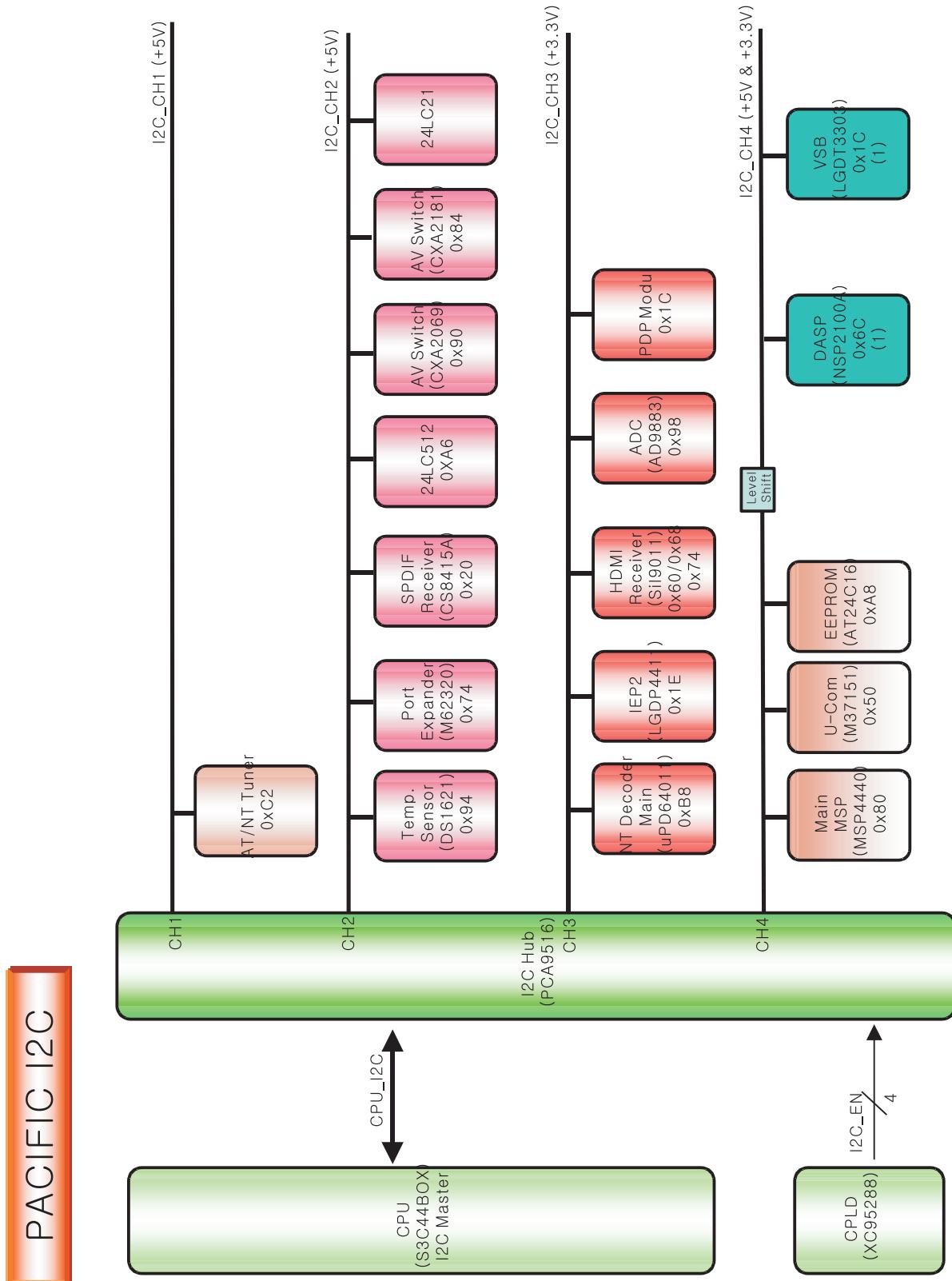
# BLOCK DIAGRAM



## BLOCK DIAGRAM

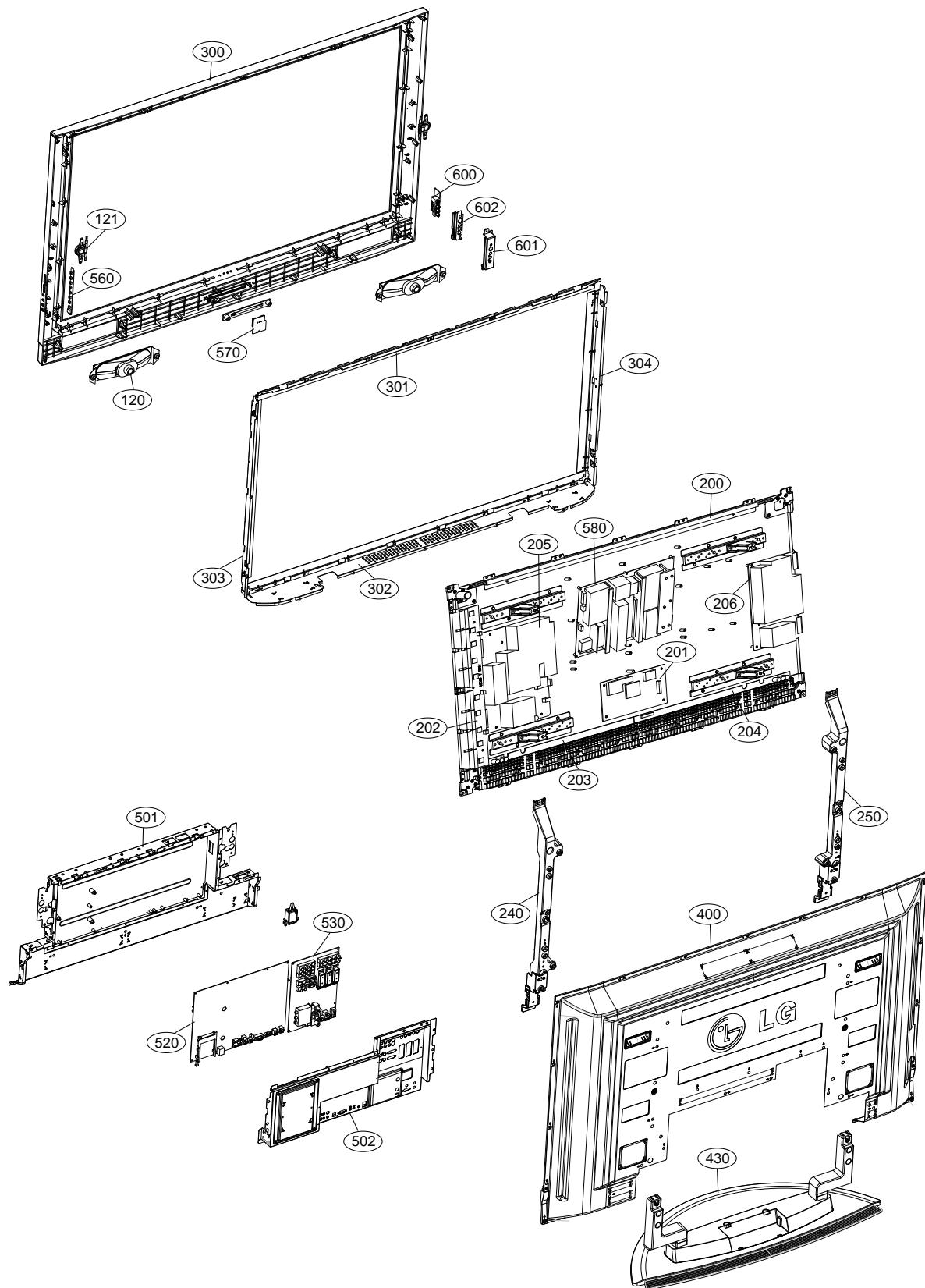


## BLOCK DIAGRAM



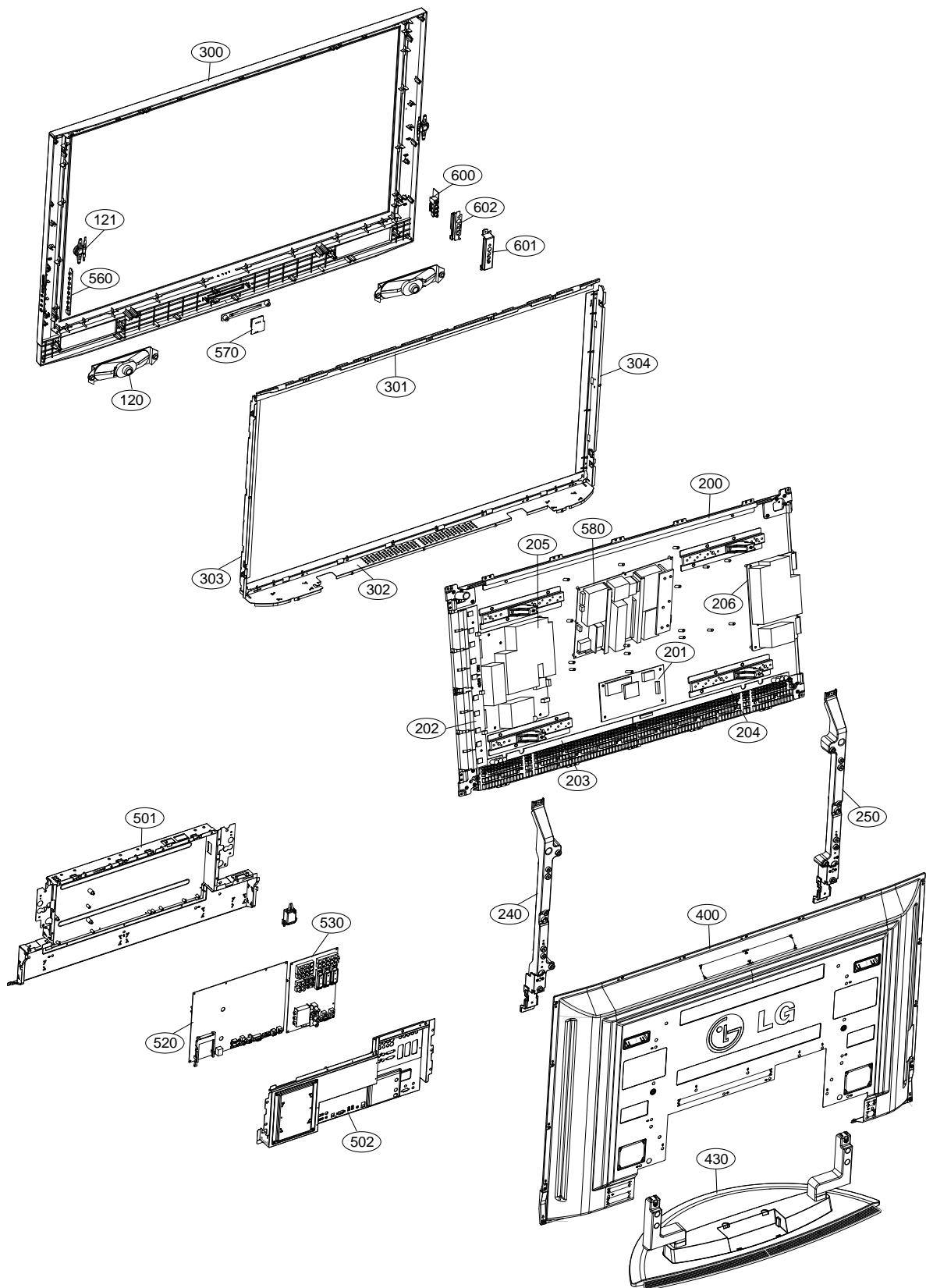
## EXPLODED VIEW(42PC3D/42PC3DC/42PC3DH)

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## EXPLODED VIEW(42PC3DV/DVA)

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## REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic	RD : Carbon Film
CQ : Polyester	RS : Metal Oxide Film
CE : Electrolytic	RN : Metal Film
	RF : Fusible

RUN DATE : 2006.7.21

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
<b>IC</b>					
IC100	0IMMRAL014D	AT24C02BN-10SU-1.8 8P	IC507	0IPRP00668A	IDT2309A-1DCG IDT 16P
"	0IMMRAL014C	AT24C02N-10SU-2.7 8P	IC600	0IPRPS5005A	SII9011CLU(PB FREE) 128P
IC100	0IMCRSS016A	S3C44BOX01-EDRO LQFP-160	IC602	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT
IC1000	0IMCRSH001A	PQ05DZ1U SHARP 5	"	0IMMRAL014C	AT24C02N-10SU-2.7 ATTEL 8P
IC1001	0IMCRSH001A	PQ05DZ1U SHARP 5	IC603	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC1002	0ILNR00015A	NSP-2100A 64P DIGITAL AUDIO	IC700	0IMCRFA013A	74LCX244MTC 20P
IC1003	0IMCRTI028C	TAS5122DCARG4 56P	IC701	0ICB533100A	CS5331A-KSR 8SOIC TP ADC -
IC1004	0IMCRMN027D	MSP4440K MICRONAS 80P	IC702	0ISTL00029A	MC33078DR2G 8P
IC1005	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	"	0IMO330780B	MC33078D 8/SOIC TP LINEAR +-18V OP AMP
IC1006	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	IC703	0IPMGKE032A	KIA78R09F KEC 5PIN
IC1007	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P	IC704	0ICB841500B	CS8415A-CZR 28P
IC1008	0IMCRFA010A	KA7809R, FAIRCHILD 2P	IC802	0IMCRSJ001B	SC1565IST-2.5TR 2.5V 1.5A 3P SOT-223
IC1009	0IPMGA0010A	AZ1117H-3.3 SOT-223 3P	IC803	0IMCRSH001A	PQ05DZ1U SHARP 5
IC101	0IMCRSO025A	CXA2181Q SONY 48P	IC900	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC101	0IKE702900G	KIA7029AF SOT-89 TP 2.9V	IC902	0ICTMLG018B	LGDP4411 IEP2 LG IC 208P
IC102	0IPH740800H	74F08D 14P SOIC	IC903	0IMCRTH002A	THC63LVD103 64P
IC103	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W	IC906	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P
IC103	0IPH741400E	74HC14D 14SOP	<b>TRANSISTOR</b>		
IC104	0ISTL00024A	MC14053BDR2G 16P	Q100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC107	0IMMRHY001L	HY57V641620ETP-H 54P	Q1000	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
IC108	0IMMRHY001L	HY57V641620ETP-H 54P	Q1001	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
IC110	0IKE704200J	KIA7042AF SOT-89 TP 4.2V	Q1002	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
IC1100	0ICTMLG019A	LGDT3303 LG IC 100P	Q1003	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
IC1101	0IPRP00538A	FSA1156P6X-NL 6P	Q1004	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC111	0IMCRAL006A	AT24C16AN-10SU-2.7 8P	Q1005	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC200	0IPR00009A	ICL3232CBNZ 16P	Q1006	0TR102008AA	KRA102S SOT23 CHIP TR
IC200	0IMCRSH001A	PQ05DZ1U SHARP 5	"	0TR102009AM	KRA102S SOT23-50V 0.1A *42PC3DV
IC201	0IMCRPH026B	PA9516APW PHILIPS 16P	Q1008	0TR830009BA	BSS83
IC201	0IMCRFA010A	KA7809R, FAIRCHILD 2P	Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC202	0IMCRAL021A	AT24C512W-10SU-2.7 8PIN	Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC203	0IMCRXL004A	XC95288XL-10TQG144C	Q101	0TR102009AG	CHIP KRC102S KEC TP SOT-23
IC300	0IPRPFA015B	FMS6400CS1X 8P	"	0TR102009AJ	KRC102S SOT23 50V 0.1A *42PC3DV
IC301	0IPMGSG018C	LD1086DT15TR 2P	Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC302	0IPRPNE008A	UPD64011BGM-8ED-A NEC 160	Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC303	0IMMR00229A	M12L16161A-5TG 16MBIT	Q102	0TR102009AG	CHIP KRC102S KEC TP SOT-23
IC304	0IPRPFA016A	FMS6407MTC20X-NL(PB-FREE) 20P	"	0TR102009AJ	KRC102S SOT23 50V 0.1A *42PC3DV
IC305	0IPMGA0010A	AZ1117H-3.3 AAC SOT-223 3P R/TP 3.3V	Q103	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC306	0IPRPM3002D	MST9883C-LF-110 MSTAR 80P	Q104	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC400	0ICTMLG009C	LGDT1102C HD2.3 LG IC SBGA-432P	Q105	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC401	0IMCRSJ001A	SC1565IST-1.8 3P SOT223	Q106	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC500	0IMMR00230A	M12L64164A-5TG 64MBIT	Q107	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC501	0IMMR00230A	M12L64164A-5TG 64MBIT	Q107	0TR830009BA	BSS83
IC502	0IMMR00230A	M12L64164A-5TG 64MBIT	Q108	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC503	0IMMR00230A	M12L64164A-5TG 64MBIT	Q109	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC504	0IMCRCY001A	CY2305SXC-1HT CYPRESS SOIC 8P	Q110	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
IC505	0ICTMLG013A	LGDT1901A LG IC 24P	Q1100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
			Q1101	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q111	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1000	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q112	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1001	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q113	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1002	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q114	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1003	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q115	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1004	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q117	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1005	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q118	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1006	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q119	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1008	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
Q120	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1009	0CC020CK01A	2PF 1608 50V 0.25 PF R/TP NP0
Q121	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
Q122	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q123	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
Q124	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1010	0CC020CK01A	2PF 1608 50V 0.25 PF R/TP NP0
Q138	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1011	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
Q139	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1012	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q141	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1013	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q300	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1014	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
"	0TR102009AJ	KRC102S SOT23 50V 0.1A *42PC3DV	C1015	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
Q301	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1016	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
"	0TR102009AJ	KRC102S SOT23 50V 0.1A *42PC3DV	C1017	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
Q302	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1018	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q303	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1019	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q304	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C102	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
Q305	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C102	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
Q600	0TR830009BA	BSS83	C1022	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q601	0TR830009BA	BSS83	C1023	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q602	0TR830009BA	BSS83	C1024	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q603	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1025	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
<b>DIODE</b>			C1026	0CE335WK6D8	3.3UF MVK,RC 50V 20% SMD TAPPING
			C1027	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D100	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1028	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
D101	0DD181009AB	KDS181 TP KEC - 85V - 300MA	C1029	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
"	0DS181009AA	KSD181 SOT-23 80V 300MA *42PC3DV	C103	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
D106	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C103	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5
D109	0DZRM00218A	ZENERS,UDZS8.2B	C1030	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D1100	0DL233309AC	LED,SAM2333	C1031	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D1101	0DL233309AC	LED,SAM2333	C1032	0CK474CH94A	0.47UF 1608 25V 80%,-20% R/TP F(Y5V)
D115	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1033	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
D200	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1035	0CK474CH94A	0.47UF 1608 25V 80%,-20% R/TP F(Y5V)
D201	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1038	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
D202	0DL233309AC	LED,SAM2333	C104	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5
D203	0DL233309AC	LED,SAM2333	"	0CE106WFKDC	10UF MVK 16V 20%,20% *42PC3DV
D600	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1040	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
IC102	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1042	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
LD101	0DL200000CA	LED,SAM5670(DL-2LRG) BK Y-GREEN -	C1043	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
LED802	0DL233309AC	LED,SAM2333	C1044	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
ZD1000	0DZRM00248A	ZENERS,RLZ8.2B-TE11	C1045	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
<b>CAPACITOR</b>			C1046	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C100	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1047	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
C100	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1048	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
			C1049	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C105	0CC821CK41A	820PF 1608 50V 5% R/TP NP0	C1103	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C105	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5	C1104	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1050	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)	C1104	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1051	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP	C1105	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1052	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)	C1106	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1053	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1107	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1054	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1107	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1055	0CC471CK41A	470PF 1608 50V 5% R/TP NP0	C1108	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1056	0CE335WK6D8	3.3UF MVK,RC 50V 20% SMD TAPPING	C1108	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1057	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1109	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1058	0CE107WF6DC	1000UF MVK 16V 20% R/TP(SMD) SMD	C1109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1059	0CE106WFKDC	10UF MVK 16V 20%,-20%	C111	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C106	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1110	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C106	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1111	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1061	0CE107WF6DC	10UF MVK 16V 20%,-20%	C1112	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1062	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1115	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING
C1063	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1117	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1064	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1118	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1065	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C112	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1066	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1121	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1067	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1121	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1068	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1122	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1069	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C107	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1123	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1070	0CE108EJK18	10000UF KMG,RD 35V 20%,-20% FL TP 5	C1124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1072	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1073	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1126	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1074	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1126	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1075	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1127	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1076	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1127	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1077	0CE108EJK18	10000UF KMG,RD 35V 20%,-20% FL TP 5	C1128	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1078	0CE475WK6DC	4.7UF MVK,RC 50V 20% SMD TAPPING	C1128	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1079	0CE475WK6DC	4.7UF MVK,RC 50V 20% SMD TAPPING	C1129	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C108	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1129	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING
"	0CE107WF6DC	10UF MVK 16V 20%,-20% *42PC3DV	C113	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1080	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1130	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1081	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1130	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1082	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1131	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1083	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1132	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1084	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C1132	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1085	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C1133	0CE227SF6DC	2200UF MVG 16V 20% R/TP(SMD) SMD
C1086	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1134	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1087	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1135	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1088	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1136	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1089	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1136	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1137	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1090	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1137	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1095	0CE107WF6DC	1000UF MVK 16V 20%	C1138	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1097	0CE476WH6DC	47UF MVK 25V 20%	C1138	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C110	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1139	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1100	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1139	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C114	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1315	0CK823CF56A	82NF 1608 16V 10% X7R R/TP
C114	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1316	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1140	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1317	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1140	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1318	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1141	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1319	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1141	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1320	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1142	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1323	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1143	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1324	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1144	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1325	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1147	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1326	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1148	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1327	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1149	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1328	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C115	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C133	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C1150	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1331	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1335	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C1152	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1336	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1153	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C134	0CC200CK41A	20PF 1608 50V 5% R/TP NP0
C1155	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C134	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1156	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING	C135	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1157	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING	C135	0CC200CK41A	20PF 1608 50V 5% R/TP NP0
C1158	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C136	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C116	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C137	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C117	0CH5120K416	12PF 50V 5% NP0 2012 R/TP	C138	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C118	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C139	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C119	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C140	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C120	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C141	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C120	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP	C141	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C121	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C142	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C122	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C142	0CC561CK41A	560PF 1608 50V 5% NP0 R/TP
C123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C143	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C143	0CE107WF6DC	1000UF MVK 16V 20% R/TP(SMD) SMD
C125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C144	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C126	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C144	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C127	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C145	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C128	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C145	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C129	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C146	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C130	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C146	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1300	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C147	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1301	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C147	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1302	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C148	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1303	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C148	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1304	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C150	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1305	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1306	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C152	0CE107WF6DC	1000UF MVK 16V 20% R/TP(SMD) SMD
C1308	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C153	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1309	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C153	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C131	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C155	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
"	0CE106WFKDC	10UF MVK 16V 20%, -20% *42PC3DV	C156	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1312	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C156	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1313	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C157	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1314	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C157	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C158	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C301	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C161	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C302	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C200	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP	C303	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C201	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP	C304	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C202	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C306	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C202	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP	C307	0CC100CK11A	10PF 1608 50V 0.5 PF R/TP NP0
C203	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	“	0CC100CK41A	10PF 1608 50V 5%
C203	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C308	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C204	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP	C309	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C205	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C310	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C205	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C311	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C206	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C312	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C206	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C313	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C207	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C314	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C207	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C315	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C208	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C316	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C208	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C317	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C209	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C318	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C210	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C319	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C210	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C320	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C211	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C321	0CE106WFKDC	10UF MVK 16V 20%, -20%
C211	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C322	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C212	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C323	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C214	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C325	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C215	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C326	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C215	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C328	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C216	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C329	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C217	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C330	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C217	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C331	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C218	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C332	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C218	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C333	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C219	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C334	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C219	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C335	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C220	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C336	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C220	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C337	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C221	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C338	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C222	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C339	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C223	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C340	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C224	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C341	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C224	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C342	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C225	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C343	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C225	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C344	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C226	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C345	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C226	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C346	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C227	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C348	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C227	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C349	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C228	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C350	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C229	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C351	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C230	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C352	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C231	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C353	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C300	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C354	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C355	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C418	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C356	0CC220CK41A	22PF 1608 50V 5% R/TP NP0	C419	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C357	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C420	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C358	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C421	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C359	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C422	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C360	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C423	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C361	0CC220CK41A	22PF 1608 50V 5% R/TP NP0	C424	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C363	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C425	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C364	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C426	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C365	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C427	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C366	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C428	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C367	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C429	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C368	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C430	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C369	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C431	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C370	0CC331CK41A	330PF 1608 50V 5% R/TP NP0	C432	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C371	0CC151CK41A	150PF 1608 50V 5% NP0 R/TP	C433	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C373	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C434	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C374	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C435	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C375	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C436	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C376	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C437	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C377	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C438	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C379	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C439	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C380	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C440	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C382	0CE106WFKDC	10UF MVK 16V 20%, -20%	C441	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C384	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C442	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C385	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C443	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C386	0CE106WFKDC	10UF MVK 16V 20%, -20%	C444	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C387	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0	C445	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C389	0CE106WFKDC	10UF MVK 16V 20%, -20%	C446	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C391	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C447	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C392	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C448	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C393	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C449	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C395	0CC471CK41A	470PF 1608 50V 5% R/TP NP0	C450	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C398	0CE106WFKDC	10UF MVK 16V 20%, -20%	C451	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C399	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C452	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C401	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C453	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C402	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C454	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C404	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C455	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C405	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C456	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C406	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C457	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C407	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C458	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C408	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C460	0CE106WFKDC	10UF MVK 16V 20%, -20%
C409	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C461	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C410	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C462	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C411	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C463	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C412	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C464	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C413	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C465	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C414	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C466	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C415	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C467	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C416	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C468	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C417	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C469	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

## REPLACEMENT PARTS LIST

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C655	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R	C903	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C656	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C904	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C657	0CE106WFKDC	10UF MVK 16V 20%, -20%	C905	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C660	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C906	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C700	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C907	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C703	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C908	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C704	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C909	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C705	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C910	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C706	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C911	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C707	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C912	0CE106WFKDC	10UF MVK 16V 20%, -20%
C708	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C913	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C709	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C914	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C710	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C915	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C711	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C916	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C714	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C917	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C715	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C918	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C716	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C919	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C717	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C920	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C718	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C921	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C719	0CK472CK56A	4700PF 1608 50V 10% R/TP X7R	C922	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C720	0CE106WFKDC	10UF MVK 16V 20%, -20%	C923	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C721	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C924	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C722	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C925	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C723	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C926	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C724	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C927	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C725	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C928	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C728	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C929	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C729	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C930	0CE106WFKDC	10UF MVK 16V 20%, -20%
C730	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C931	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C800	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C933	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C801	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C934	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C802	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C935	0CE106WFKDC	10UF MVK 16V 20%, -20%
C803	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C936	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C804	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C937	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C805	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C938	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C806	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C939	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C808	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C940	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C809	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C941	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C811	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C942	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C812	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C952	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C813	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C958	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C814	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C959	0CE106WFKDC	10UF MVK 16V 20%, -20%
C815	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C961	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C816	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC100	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C820	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC101	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C822	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	CC102	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C823	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC103	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C824	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	CC104	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C900	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC105	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C901	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC106	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C902	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC107	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
CC108	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	L1014	6140VB0004B	COIL,CHOKE 26UH
CC109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	L1015	6140VB0004B	COIL,CHOKE 26UH
CC111	0CE477EK618	470UF KMG 50V 20% FL TP 5	L1025	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
CC112	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	L1026	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
CC113	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	L1027	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
CC115	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	L1028	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
CC116	0CE477EK618	470UF KMG 50V 20% FL TP 5	L112	6210TCE001P	CORE,BEAD HB-1S2012-121JT
CC117	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	L114	6210TCE001P	CORE,BEAD HB-1S2012-121JT
CC118	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	L115	6210TCE001P	CORE,BEAD HB-1S2012-121JT
CC119	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	L207	6140VB0004B	COIL,CHOKE 26UH
CC120	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	L802	6140VB0004B	COIL,CHOKE 26UH
CC121	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	L803	6140VB0004B	COIL,CHOKE 26UH
CC122	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	<b>WAFER</b>		
CC123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	JK900	6602T12007D	CONNECTOR,WAFER GT121-31P-TD
CC124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P1	6602T20009C	CONNECTOR,WAFER SMAW200-04
CC125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P100	6630V90142A	CONNECTOR,WAFER TPH254-R-1419-6A
CC126	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	P100	6602T20009C	CONNECTOR,WAFER SMAW200-04
CC127	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	P100	6602T20009J	CONNECTOR,WAFER SMAW200-10
CC128	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	P1001	6602T25008J	WAFER,SMW250-10 YEONHO 2.5MM
CC131	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P101	6602T20009L	CONNECTOR,WAFER SMAW200-12
CC133	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P101	6602T20008L	CONNECTOR,WAFER SMW200-12
CC134	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P101	6602T20009C	CONNECTOR,WAFER SMAW200-04
CC135	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	P102	6602T20008J	CONNECTOR,WAFER SMW200-10
CC137	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	P1102	6602T25008C	CONNECTOR,WAFER SMW250-04
CC138	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	P1103	6602T25008B	CONNECTOR,WAFER SMW250-03
CC139	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	P200	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
CC140	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P200	6630VE00725	CONNECTOR,WAFER 10022HS-25A02
CC143	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	P201	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CC144	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	P800	6602T25008M	WAFER,SMW250-13 YEONHO 2.5MM
CC145	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	P801	6602T25008L	CONNECTOR,WAFER SMW250-12
CC147	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P802	6630VE00725	CONNECTOR,WAFER 10022HS-25A02
CC151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	P804	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CC156	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	P808	6630VF00704	CONNECTOR,WAFER 12505WS-04A00
CC158	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	<b>CONNECTOR</b>		
CC161	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	ANT1	6612J00042G	Conector,RF UCT-EX-063
CC163	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	ANT2	6612J00042G	Conector,RF UCT-EX-063
CC164	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C10	6631900012D	CONNECTOR ASSEMBLY,10P 2.5MM 250MM
CC166	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C11	6631900027C	CONNECTOR ASSEMBLY,13P 2.5MM 200MM
CC167	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C12	6631900105C	CONNECTOR ASSEMBLY,12P 2.0MM 700MM
CC168	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C13	6631T25019T	CONNECTOR ASSEMBLY,12P-H-H 260MM
CC169	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C14	6631V10003C	CONNECTOR ASSEMBLY,25P 1.0MM 50MM
CC170	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C15	6631V10004Z	CONNECTOR ASSEMBLY,31P 1.0MM 50MM
CC171	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C16	6631T39004D	CONNECTOR ASSEMBLY,9P-H-H 220MM
CC172	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C17	6631V39013N	CONNECTOR ASSEMBLY,8P 3.96MM 900MM
CC173	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C18	6630G70017A	CONNECTOR,D-SUB A02-0915-101
R353	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C19	6631900104C	CONNECTOR ASSY,12P 2.0MM 300MM
R354	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C5	6631900104A	CONNECTOR ASSEMBLY,12P 2.0MM 400MM
R355	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C6	6631900097B	CONNECTOR ASSEMBLY,3P 2.5MM 1100/500MM
<b>COIL</b>			C7	6631900098B	CONNECTOR ASSEMBLY,4P 2.5MM 900/500MM
L1013	6140VB0004B	COIL,CHOKE 26UH			

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
C8	6631T20031J	CONNECTOR ASSEMBLY,4P 2.0MM 800MM
C9	6631900050C	CONNECTOR ASSEMBLY,10P 2.0MM 1200MM
JK101	6630G70016A	CONNECTOR,D-SUB A03-7071-094
JK200	6630G70017A	CONNECTOR,D-SUB A02-0915-101
<b>JACK</b>		
ANT1	6612J10022A	JACK,RCA KCN-BT-0-0054 KSD 17MM
ANT2	6612J10022A	JACK,RCA KCN-BT-0-0054 KSD 17MM
JK100	6612BBBHN4D	JACK,DIN TOTX177
JK100	6612F00099A	JACK,PHONE PEJ024-01 7P
JK101	6612J10033A	JACK,RCA PMJ016-13 3P
JK102	6612J10031A	JACK,RCA PPJ209-02 5P
JK103	6612J10031A	JACK,RCA PPJ209-02 5P
JK104	6612J00062N	JACK,RCA PMJ030-02 6P
JK105	6612F00099A	JACK,PHONE PEJ024-01 7P
JK600	6612B00015B	JACK,DIN DC1R019WDH JAE 0.5MM
JK800	6612F00099A	JACK,PHONE PEJ024-01 7P
<b>RESISTOR</b>		
AR100	0RJ4701C687	4.7KOHM 5% 1 / 16 W
AR1100	0RJ4701C687	4.7KOHM 5% 1/16W
AR1101	0RJ0222C687	22OHM 5% 1/16W
AR1102	0RJ0222C687	22OHM 5% 1/16W
AR300	0RJ0222C687	22OHM 5% 1/16W
AR301	0RJ0222C687	22OHM 5% 1/16W
AR302	0RJ0222C687	22OHM 5% 1/16W
AR303	0RJ0222C687	22OHM 5% 1/16W
AR304	0RJ0222C687	22OHM 5% 1/16W
AR305	0RJ0222C687	22OHM 5% 1/16W
AR306	0RJ0222C687	22OHM 5% 1/16W
AR307	0RJ0222C687	22OHM 5% 1/16W
AR308	0RJ0222C687	22OHM 5% 1/16W
AR309	0RJ0222C687	22OHM 5% 1/16W
AR600	0RJ0222C687	22OHM 5% 1/16W
AR601	0RJ0222C687	22OHM 5% 1/16W
AR602	0RJ0222C687	22OHM 5% 1/16W
AR603	0RJ0222C687	22OHM 5% 1/16W
AR604	0RJ0222C687	22OHM 5% 1/16W
AR605	0RJ0222C687	22OHM 5% 1/16W
AR900	0RJ0222C687	22OHM 5% 1/16W
AR901	0RJ0222C687	22OHM 5% 1/16W
AR902	0RJ0222C687	22OHM 5% 1/16W
AR903	0RJ0222C687	22OHM 5% 1/16W
AR904	0RJ0222C687	22OHM 5% 1/16W
AR905	0RJ0222C687	22OHM 5% 1/16W
AR906	0RJ0222C687	22OHM 5% 1/16W
AR907	0RJ0222C687	22OHM 5% 1/16W
AR908	0RJ0222C687	22OHM 5% 1/16W
AR909	0RJ0222C687	22OHM 5% 1/16W
AR910	0RJ0222C687	22OHM 5% 1/16W
AR911	0RJ0222C687	22OHM 5% 1/16W

LOCA. NO	PART NO	DESCRIPTION
AR912	0RJ0222C687	22OHM 5% 1/16W
R126	0RN1002F409	10K OHM 1/6 W 1.00% TA52
<b>SWITCH</b>		
SW101	140-313A	SWITCH,TACT 2LEAD 100G(TA)
SW101	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW102	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW103	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW104	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW105	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW106	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW107	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW108	140-313B	SWITCH,TACT 2LEAD 160G(TA)
<b>FILTER &amp; CRYSTAL</b>		
F804	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F805	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F806	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F807	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F808	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F809	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F810	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F811	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F812	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F813	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F814	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F815	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F816	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
L1000	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1001	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1002	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1003	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1004	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1005	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1006	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1007	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L101	6210VC005A	FILTER,EMC BK2125 HS 750
L1010	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1011	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1018	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L102	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM
L1021	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1022	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1023	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1024	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L103	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM
L1032	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1033	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L105	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM
L106	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM
L107	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM

## REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L1104	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	X600	6212AB2845A	RESONATOR,CRYSTAL ABLS-27.000MHZ
L200	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	"	6202TST001H	RESONATOR,CRYSTAL SX-1 27MHZ *42PC3DV
L200	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	<b>MISCELLANEOUS</b>		
L201	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	C1	6850J00005C	CABLE,DVI LVDS UL20276 AWG30 600MM
L201	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	C2	68509A0004A	CABLE,COAXIAL UL1365#26 VW-1 250MM
L202	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	IC105	SAA30017805	S/W,Firmware V3.08.2 9B84
L203	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	"	692791103AF	SOFT WARE,3.03.1V D930 PDP PA51D
L204	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	"	692791103AA	SOFT WARE,1.00.1V A902 PA51D *42PC3DV
L205	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	"	SAA30039103	S/W,Firmware V3.09.2 08BF *42PC3DH
L206	6210TCE001G	FILTER,Bead HH-1M3216-501JT 500OHM	IC106	SAA30017905	S/W,Firmware V3.08.2 8FE3
L302	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	692791104AF	SOFT WARE,3.03.1V 5831 PDP PA51D
L303	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	692791104AA	SOFT WARE,1.00.1V B127 PA51D *42PC3DV
L304	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	SAA30039203	S/W,Firmware V3.09.2 D9B7 *42PC3DH
L305	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	IC109	692791105AC	SOFT WARE,3.01V 4B1D PDP PA51D
L306	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	692791105AA	SOFT WARE,1.00V BBE7 PA51D *42PC3DV
L311	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	J1	6871VSMFA8A	PCB ASSEMBLY,SUB A/V OPTIC BD
L316	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	6871VSMFA8B	PCB ASSEMBLY,SUB A/V OPTIC BD
L317	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	PA101	6712000011B	REMOTE CONTROLLER RECEIVER
L318	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	PA102	6712000011B	REMOTE CONTROLLER RECEIVER
L319	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	SW200	6634D00010D	ADAPTER,RF TASA-H303P
L320	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	TU1100	6700AN0002C	TUNER,TDVS-H702P
L400	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	VX500	6204B60001B	OSCILLATOR,27MHZ +/- 100 PPM 3.3V
L401	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	X1100	6204B47985K	OSCILLATOR,BMS-873R 25MHZ
L402	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	<b>ACCESSORIES</b>		
L403	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A1	38289U0527B	MANUAL,USER PA51D
L503	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A2	6710V00151W	REMOTE CONTROLLER,AF05FD
L504	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A3	6410TUW008A	POWER CORD,LP31+LS13 1870MM
L600	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A4	6850TD9007E	CABLE,D-SUB UL20276-9C(5.8MM) DT L1800
L601	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A5	6851V00019A	CABLE,COAXIAL RF 4AC208A0 3M
L602	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	6852TAZ010F	CABLE,COAXIAL NT UL 1365 *42PC3DV
L603	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	A7	4972V00178B	FIXER,WALL NON ASSY
L604	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2	"	4972V00178A	FIXER,WALL NON ASSY *LGECI
L606	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L607	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L900	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L901	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L902	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L903	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L904	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L905	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L906	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L910	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
L911	OLCML00003B	FILTER,EMC MLB-201209-0120P-N2			
X100	6212AB3004D	RESONATOR,CRYSTAL CSALF2M69G4ZF01-A3			
X100	6212AB2015E	RESONATOR,CRYSTAL HC-49/SM 10.0MHZ			
X1000	6202VDT002H	RESONATOR,CRYSTAL SX-1 18.432000MHZ			
X101	6212AB2015A	RESONATOR,CRYSTAL HC-49/SM4H 4MHZ			
X102	6202VDT002D	RESONATOR,CRYSTAL SX-1SMD 8.0MHZ			
X300	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ			



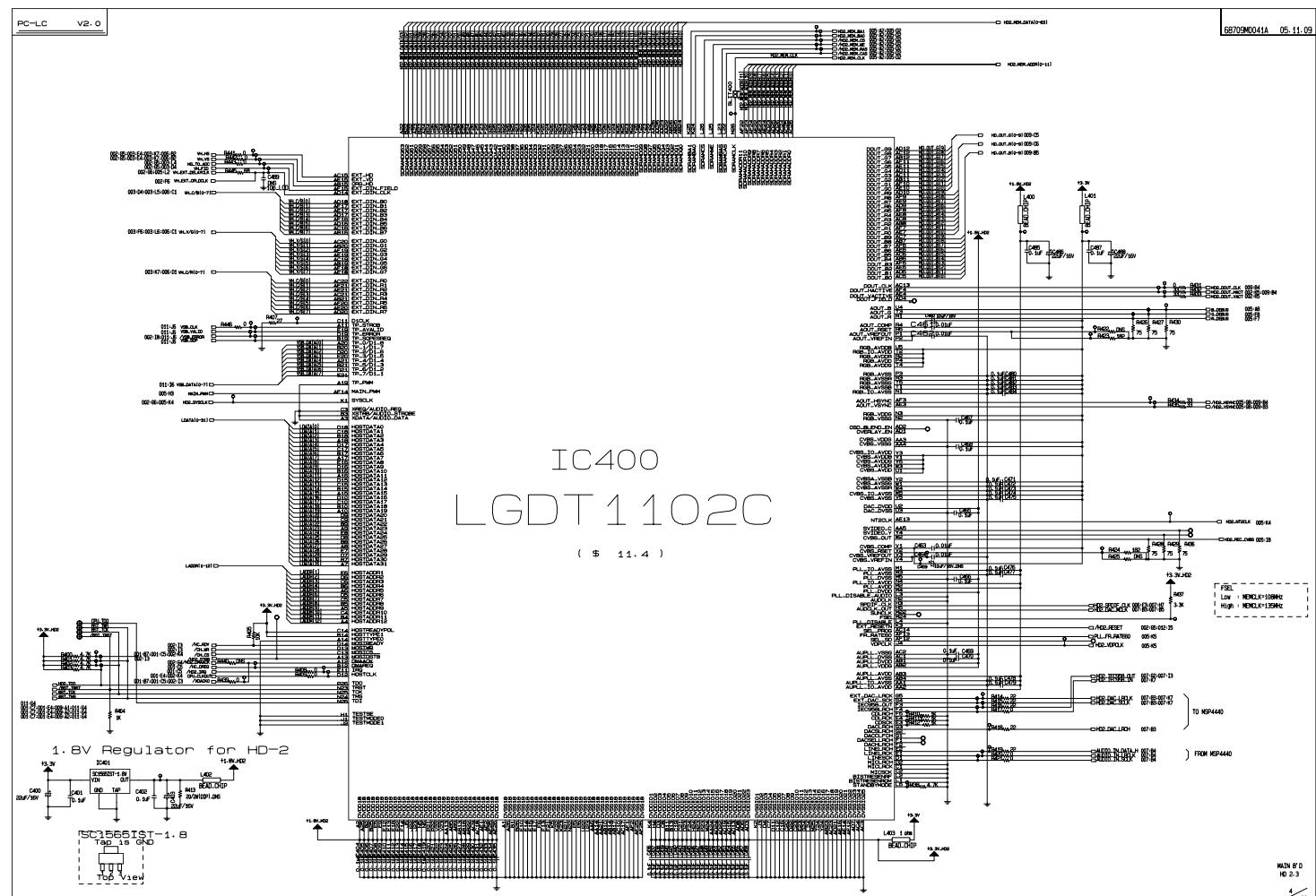
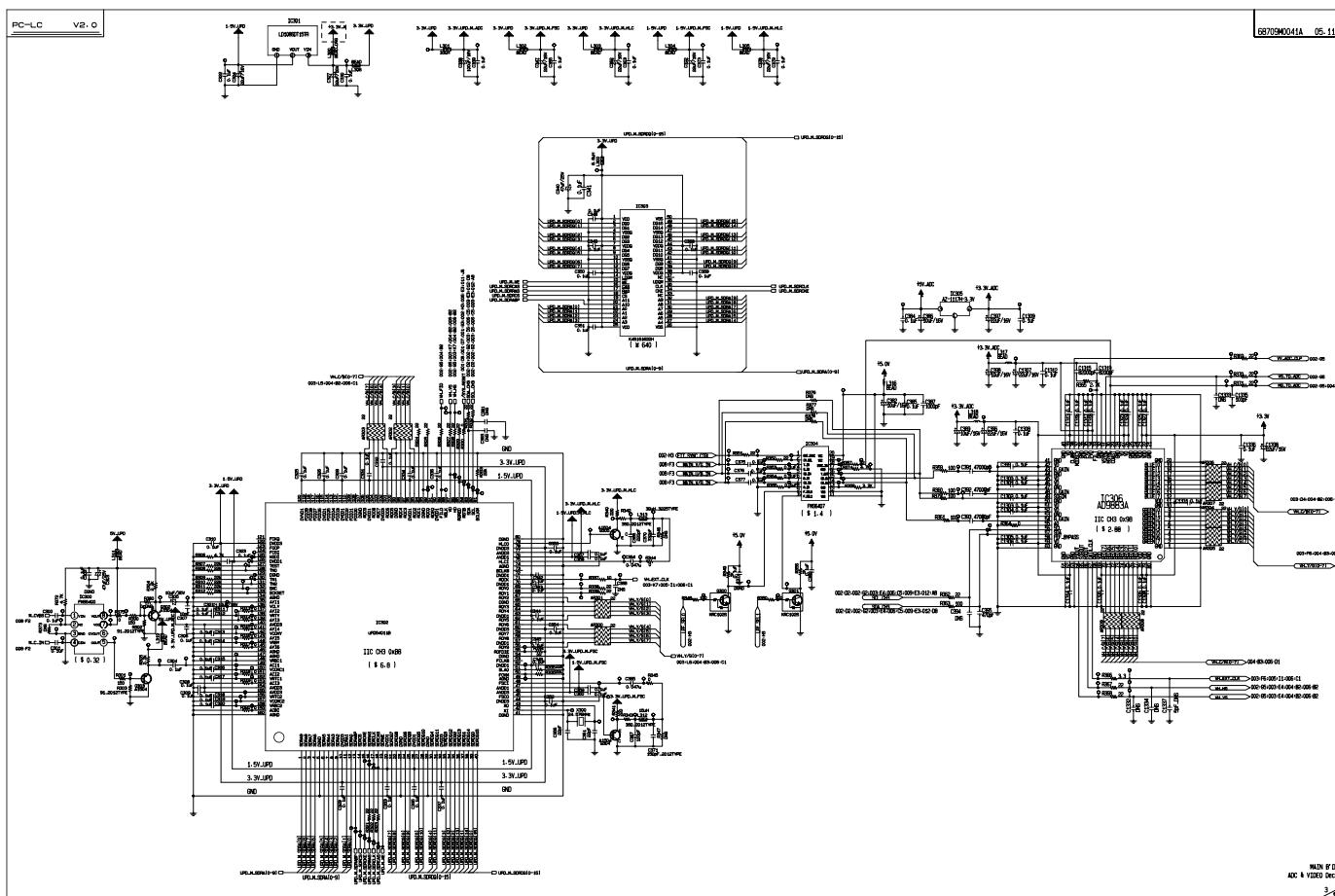
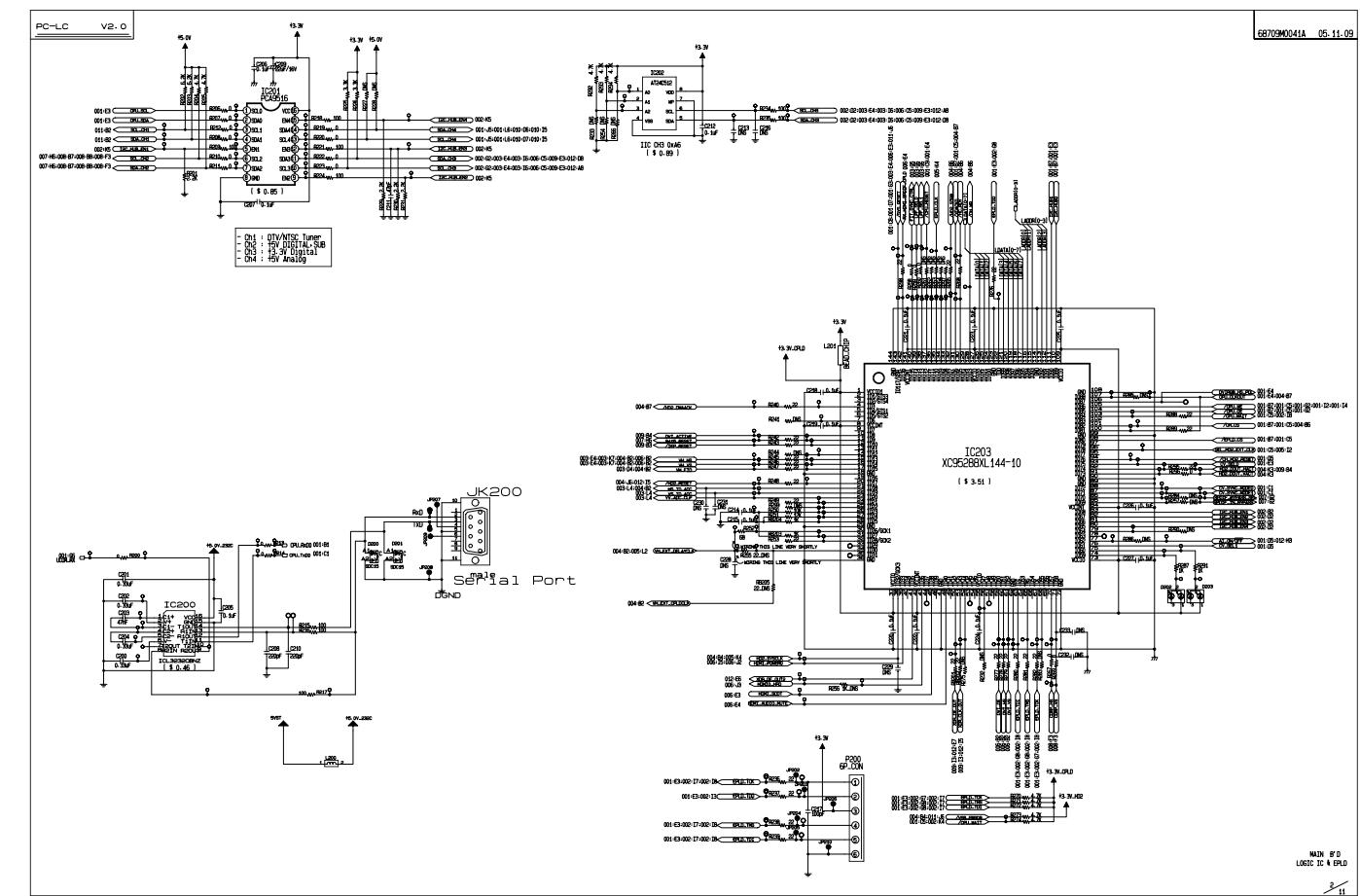
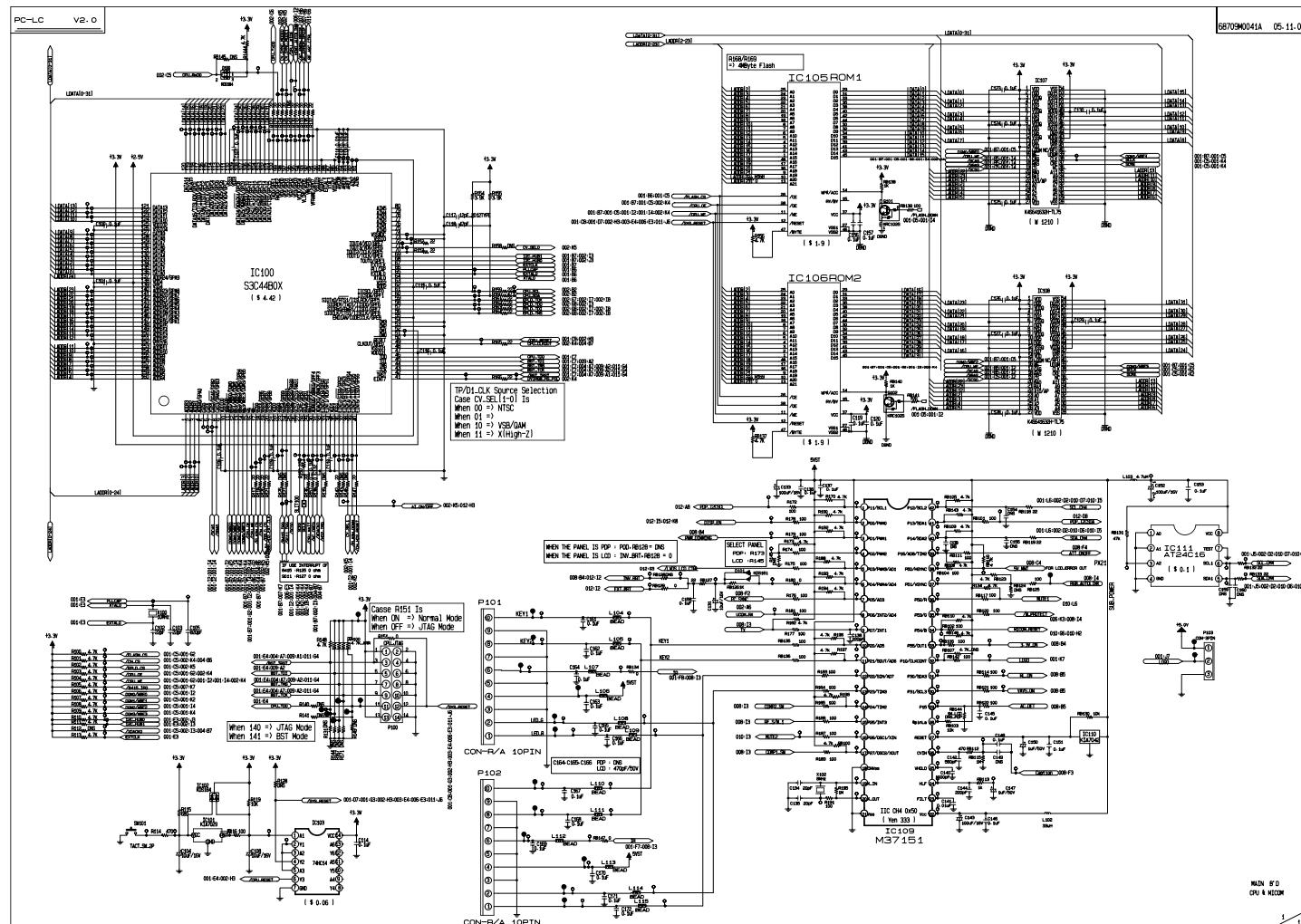
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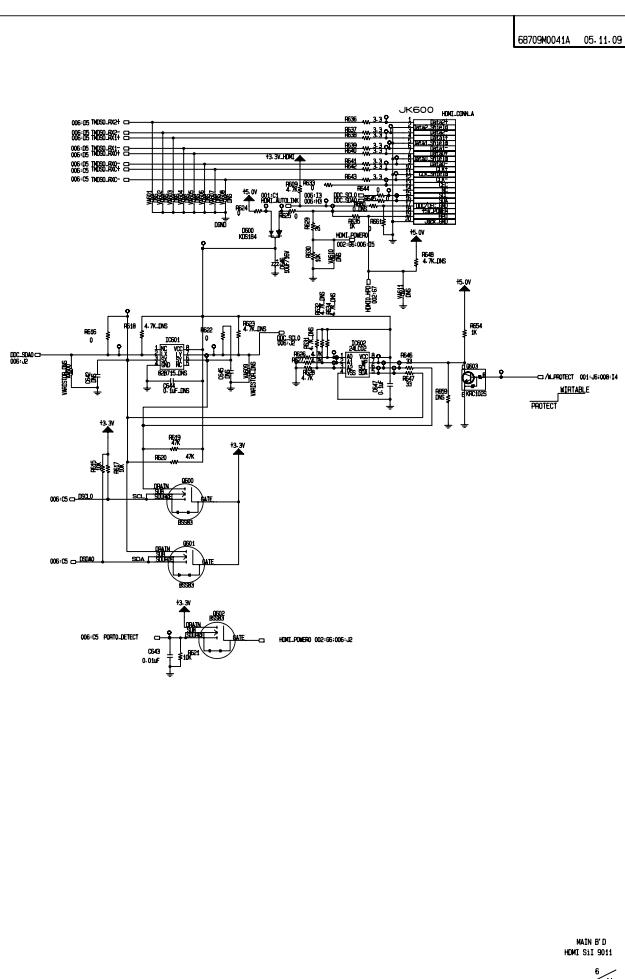
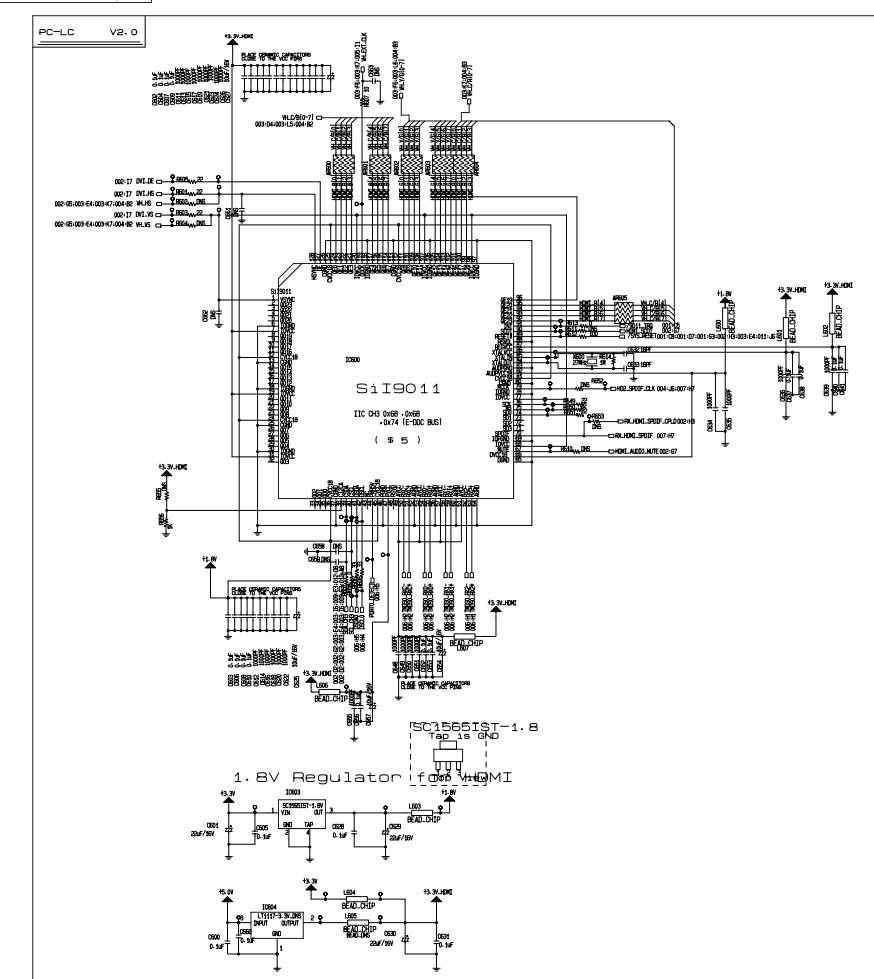
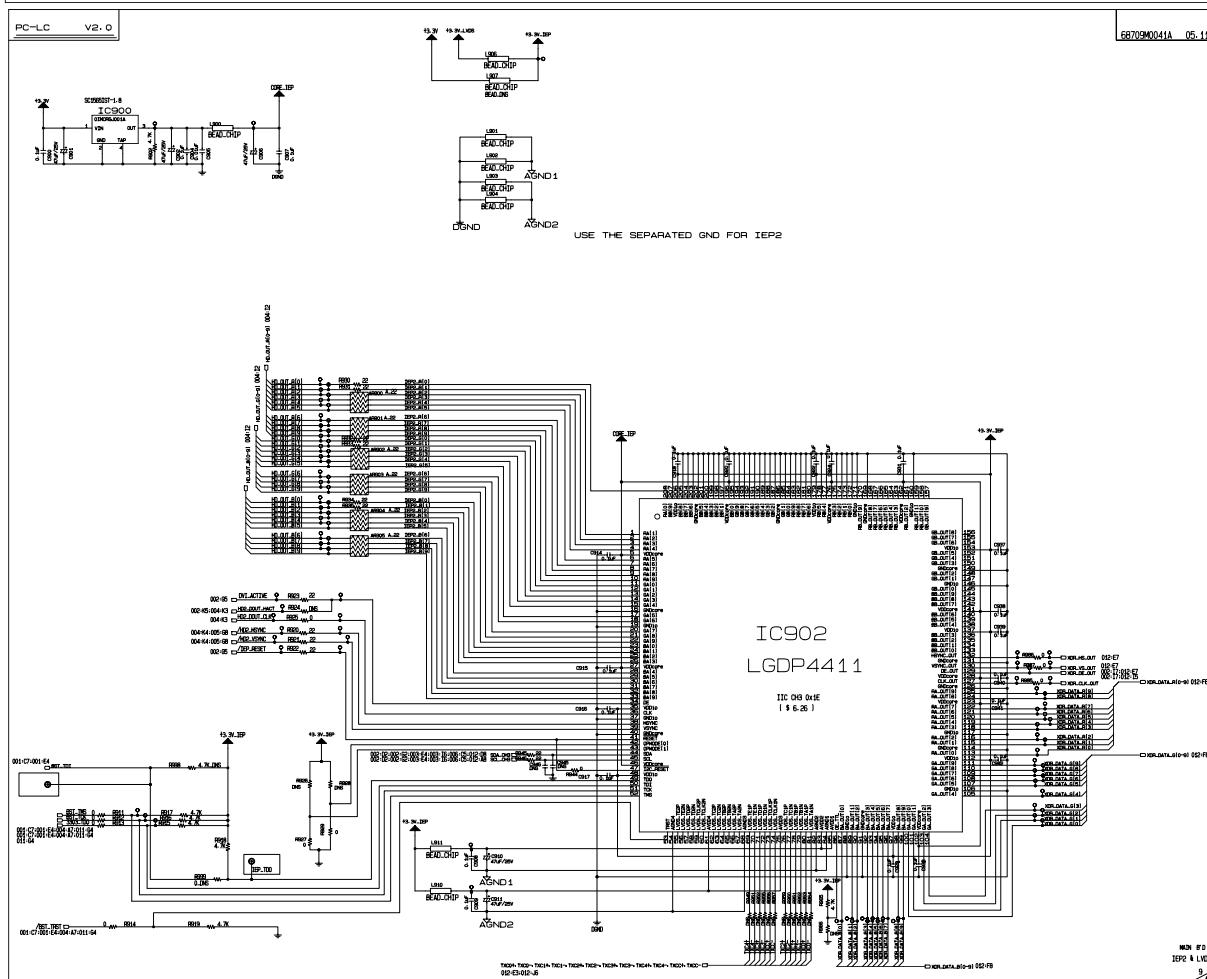
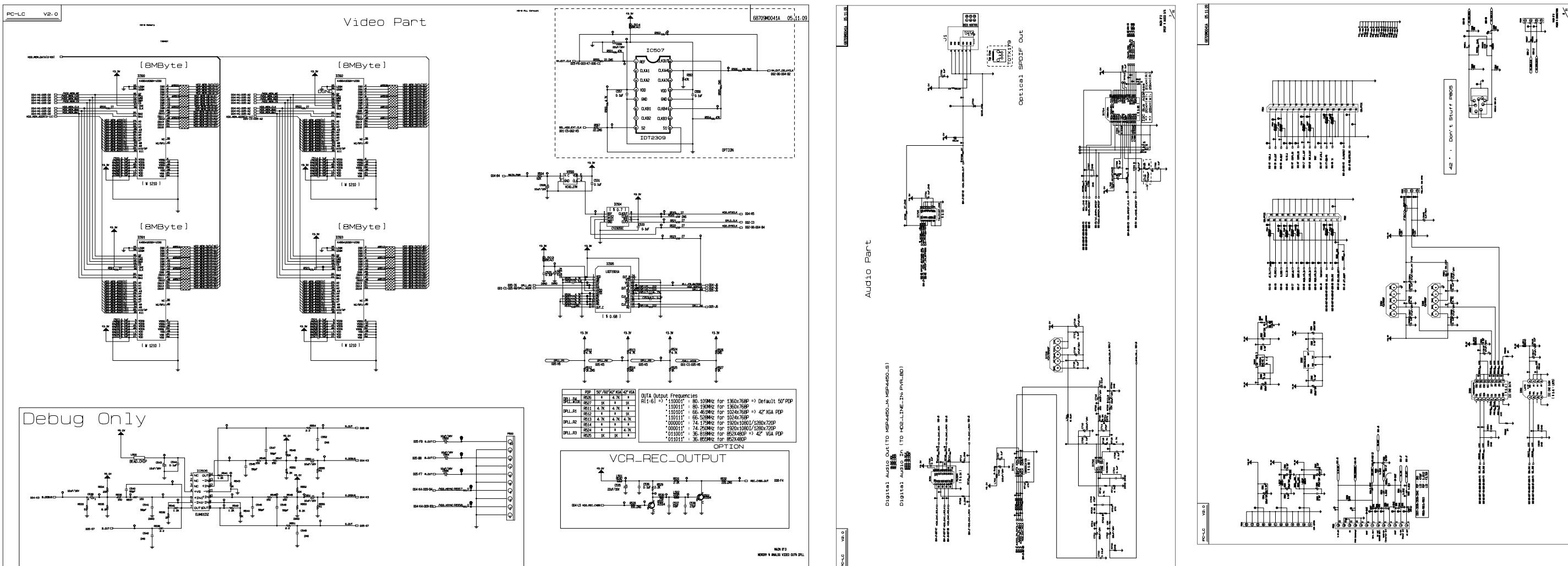
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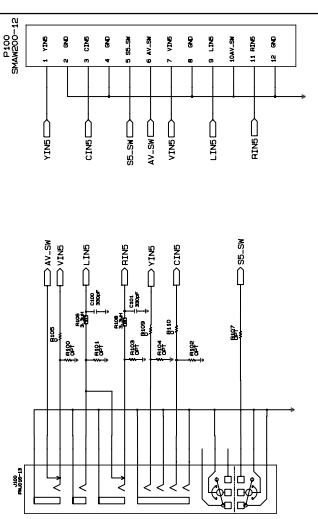
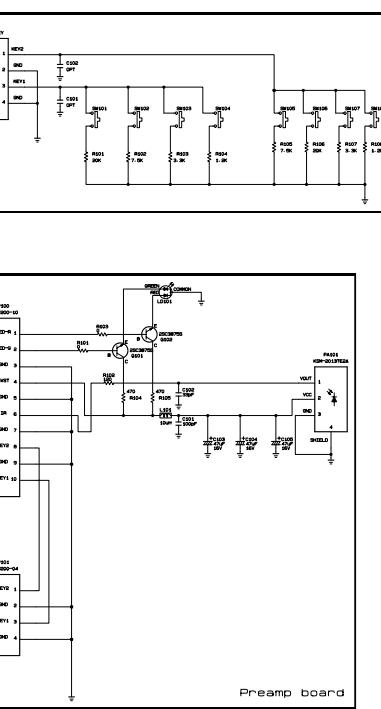
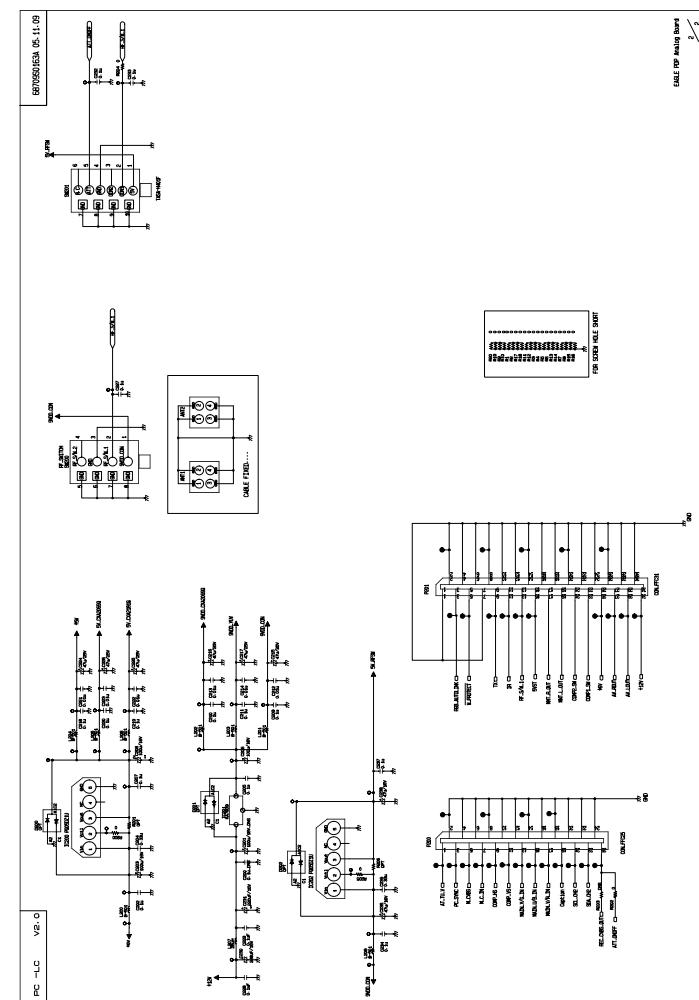
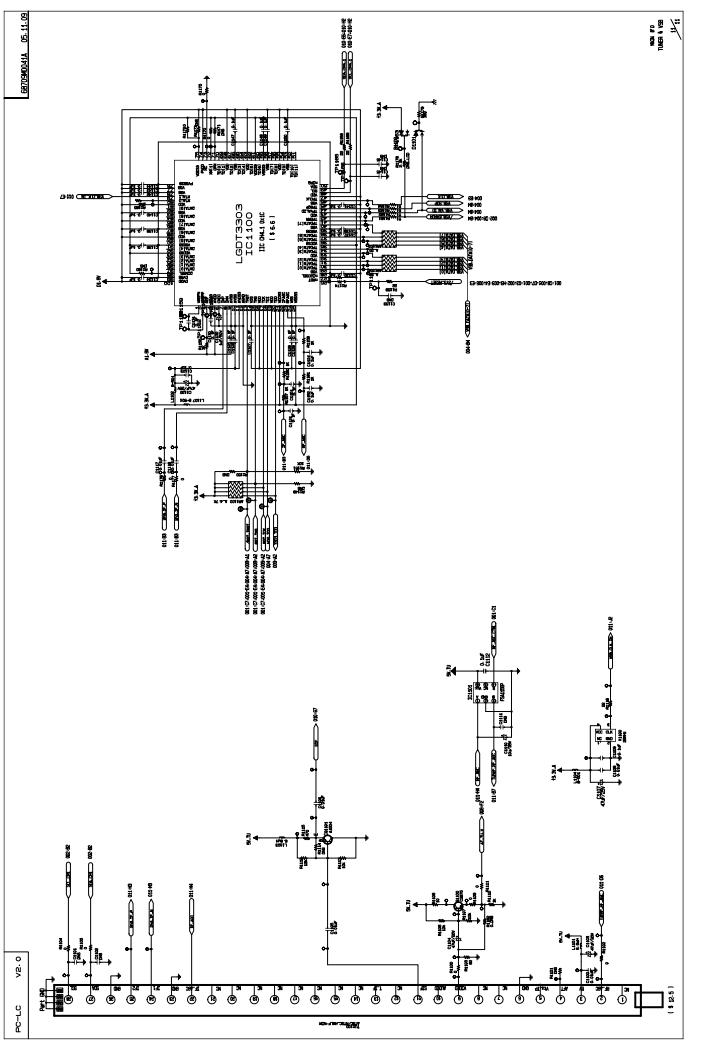
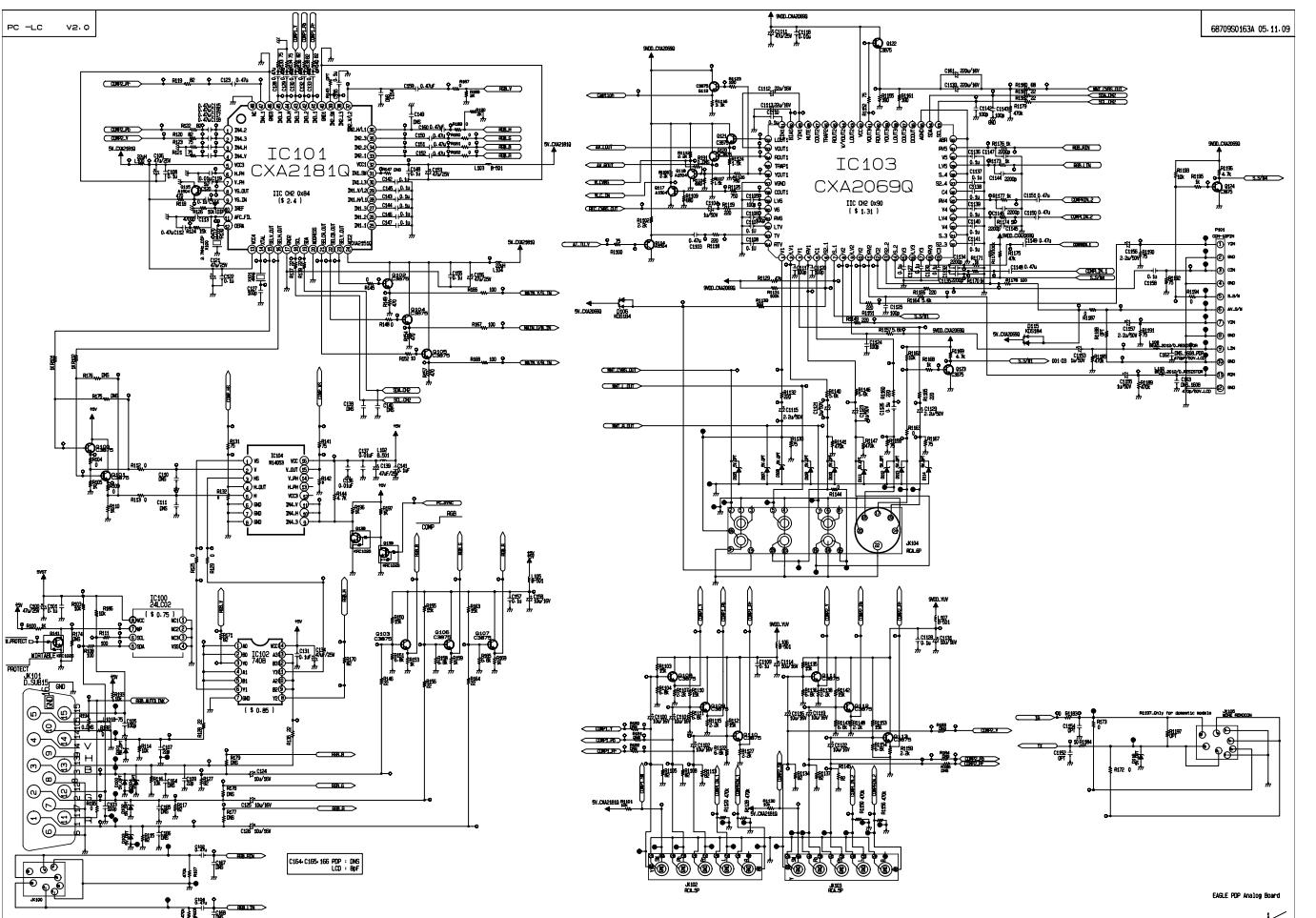
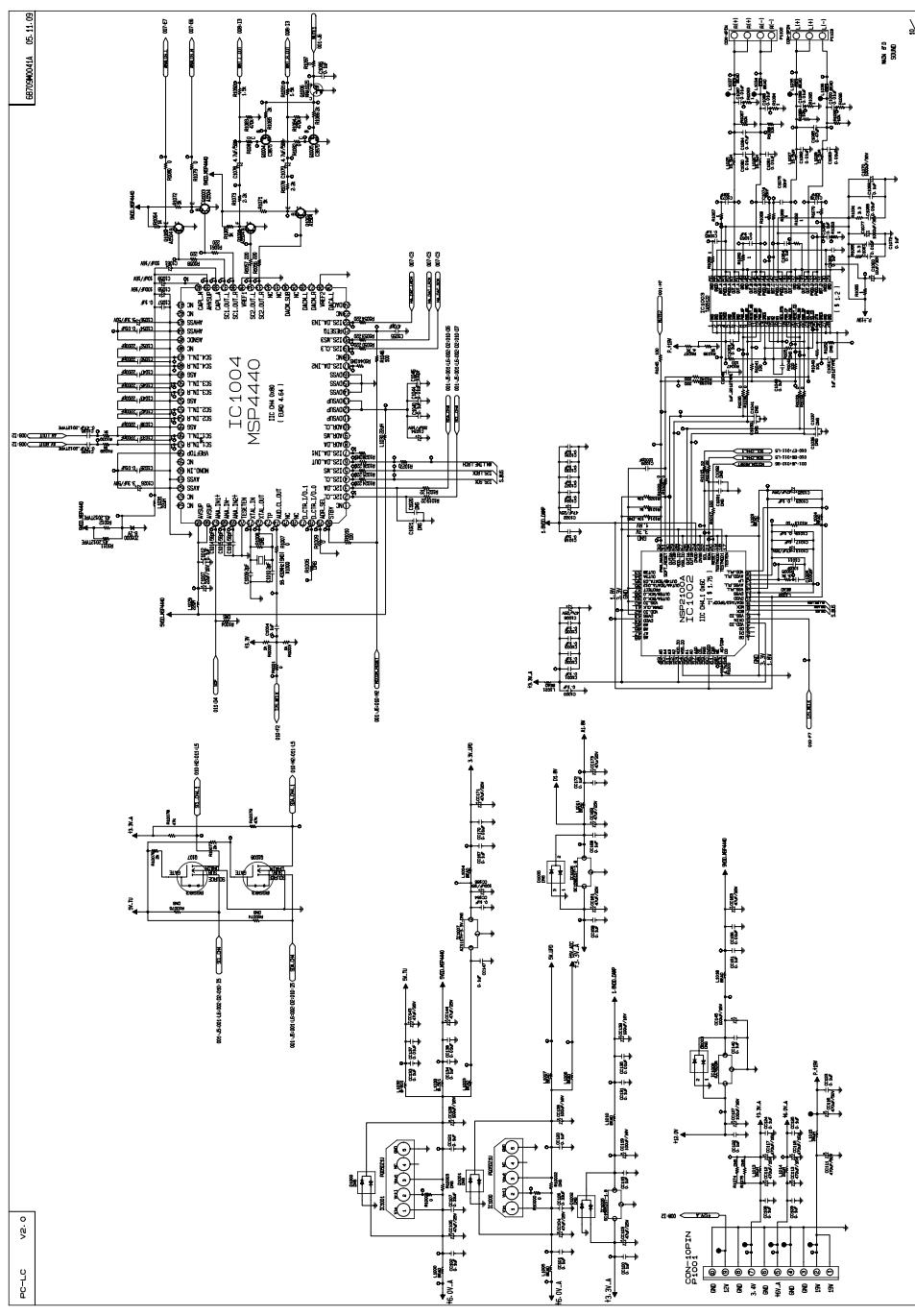
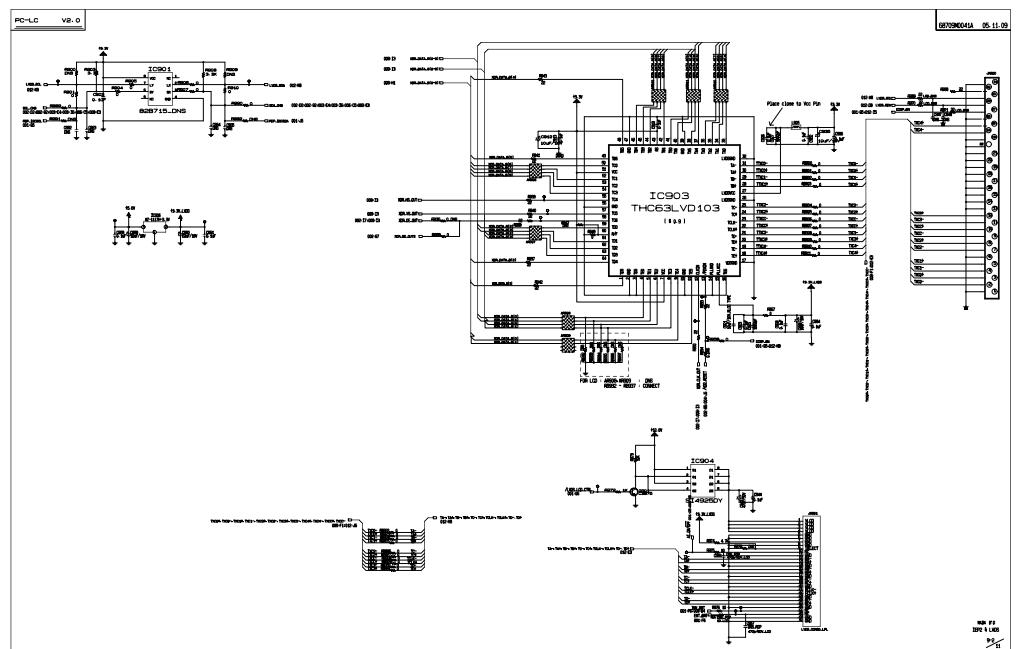
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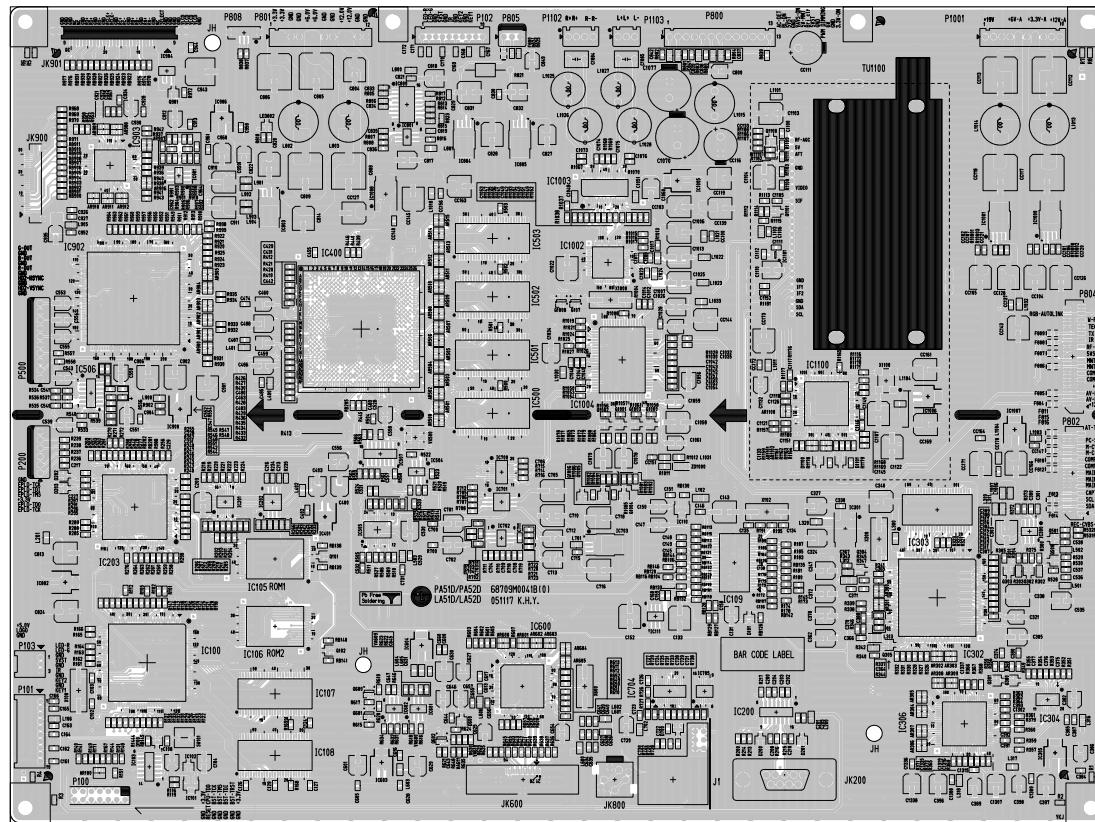
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Huntsville, AL 35824**



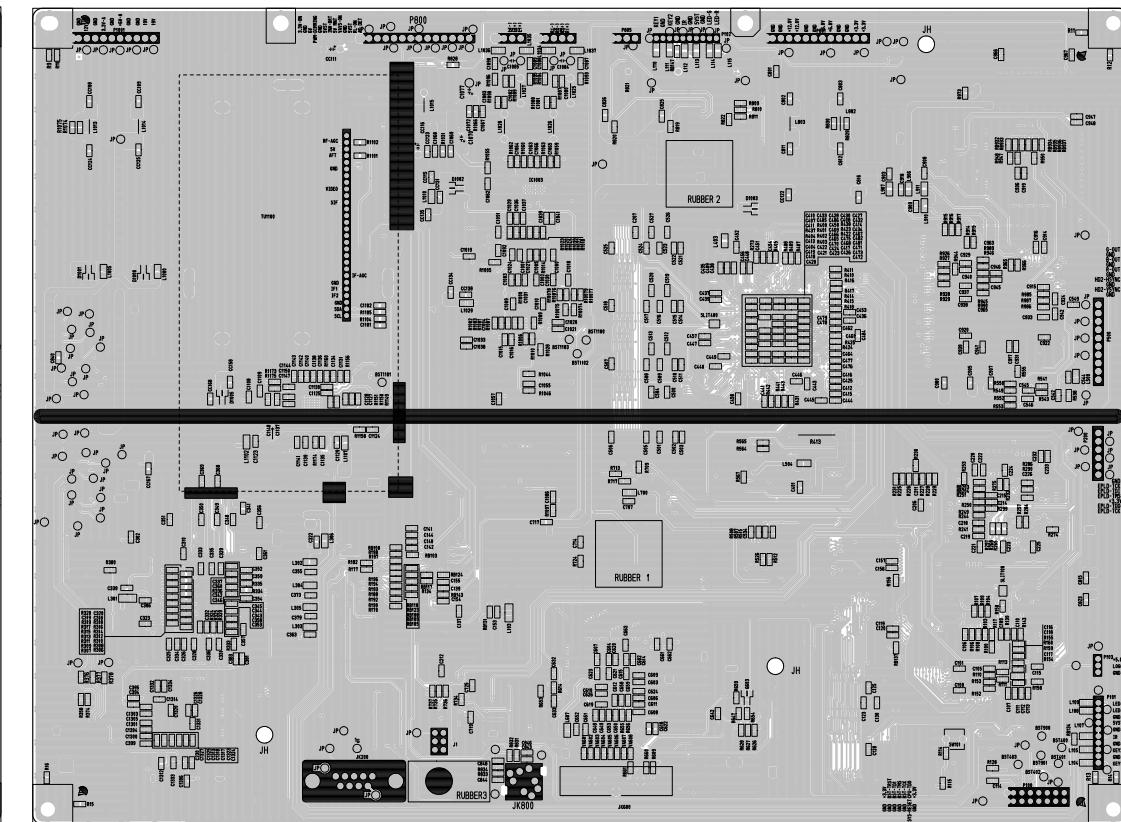




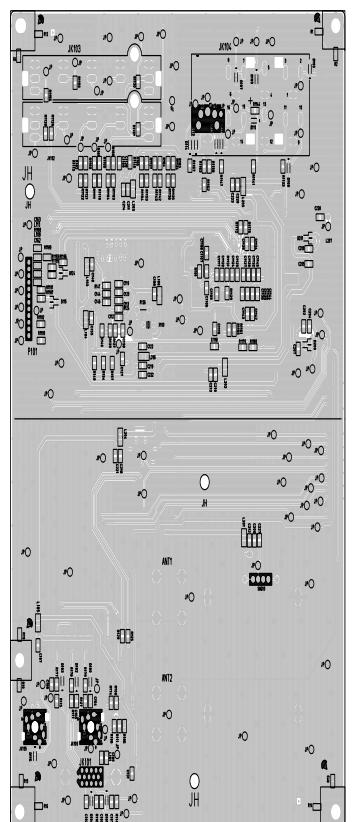
## MAIN(TOP)



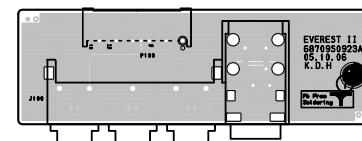
## MAIN(BOTTOM)



## AV(TUNER)



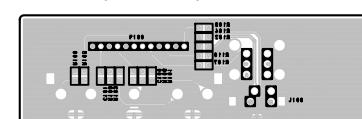
SIDE A/V(TOP)



## CONTRO



**SIDE A/V(BOTTOM)**



## PRE-AM

